



## West Yorkshire Lifelong Learning Network Sector Group Work Plan September 2008 – June 2010: Version 9.0

### **Name of Sector Group**

Advanced Engineering and Manufacturing, including Food Manufacturing and Related Industrial Chemistry

**Name of Lead Institution** The University of Huddersfield

**Name of Sector Officer** Dr P. D. Denton

**Tel** 01484 473672

**Email** p.d.denton@hud.ac.uk

**Date Work Plan produced**

21<sup>st</sup> November 2008

**Date Work Plan reviewed by Sector Group**

23<sup>rd</sup> April 2009

**Date Work Plan submitted to WYLLN**

22<sup>nd</sup> June 2009

**For 2008/9 Work Plan**

**Submission dates are:**

1<sup>st</sup> December 2008

4<sup>th</sup> March 2009

22<sup>nd</sup> June 2009

## Meetings, Communications and Representatives

### Dates of 2008/09 Sector Group Meetings

Meeting	Date of Meeting
1 Sector Steering Group	18/12/08
2 Sector Steering Group	23/04/09
3 Sector Steering Group	29/06/09
4 Sector Steering Group	14/09/09

### Chairperson of Sector Group Meetings

Name	Organisation	Tel. Number	Email
Dr P. D. Denton	University of Huddersfield	01484 473672	p.d.denton@hud.ac.uk

### Sector Champions

Please record the name and contact details each Sector Champion

Name	Organisation	Tel. Number	Email
Mr S. Clements	Yorkshire Forward		
Mr B. Macbeth	Textile Centre of Excellence		
Mr A. Lee	Electronics Yorkshire		
Ms S. Holmes	Chemical Focus		
Ms A. Sunderland	Namtec		
Dr P. Davies	IOM3		
Ms P. Murrell	ICME		

### Sector Group Members

Please record the name and contact details of each member of the Sector Group

Name	Job Title	Organisation	Tel. Number	Email Address	Attendee	Consultant
Richard Brown	Programme Manager	Bradford College			X	
Pat Donovan	Programme Manager	Bradford College			X	
Bruce Stafford	Lecturer	Bradford College			X	
John Armstrong	Projects Co-ordinator	Bradford College			X	
Eric Morgan	Foundation Degree Manager	University of Bradford			X	
Gill Ponsford	14 – 19 Adviser	Education Leeds			X	
Diana Branston	Head of	Kirklees College			X	

	Construction, Engineering and Transport Studies					
David Nichols	Programme Manager	Kirklees College			X	
Kevin Lawson	Head of Transport and Engineering	Leeds College of Technology			X	
Nav Chohan	Director of Further and Higher Education	Leeds College of Technology			X	
Paul Cox	Director of Vocational Education	Parklane College			X	
Lindsay Middleton	Operations Manager	SEMTA + Metals			X	
John Baron	Subject Area Leader	University of Huddersfield			X	
Roger Dewsbury	Head of Chemical and Biological Sciences	University of Huddersfield			X	
Jeremy Hopwood	Lecturer	University of Huddersfield			X	
Gillian Coyle	Careers Advisor	University of Huddersfield			X	
Mark Butcher	Head of Department	Wakefield College			X	
Steve Eley	Academy Director	Wakefield College			X	
Alistair Gladstone	General Manager	Yorkshire Productivity			X	

## Sub Groups Established

Please record details of any sub groups established to deliver areas of this work plan:

Sub Group Title / Sub Group Function	Dates of Sub Group Meetings
Curriculum Development	29 <sup>th</sup> June 2009
E-Learning and Work Based Learning	Tbc
Employer Engagement	Tbc

## Credit and Progression Task Group Representative

Please record the name and contact details of the sector group credit and progression task group representative

Name	Organisation	Tel. Number	Email
Dr P. D. Denton	The University of Huddersfield	01484 473672	p.d.denton@hud.ac.uk

## IAG Task Group Representative

Please record the name and contact details of the sector group IAG task group representative

Name	Organisation	Tel. Number	Email
Dr P. D. Denton	The University of Huddersfield	01484 473672	p.d.denton@hud.ac.uk

## Curriculum Development Summary

Name	Type	Organisation	Funding	Status
Applied Science	FD	Bradford College	£7,440.00	Approved: In Development
Packaging Technology	FD	Bradford College	£14,880.00	Approved: In Development
Engineering Technology – Mechanical	FD (mod)	Bradford University	£5,250.00	Complete
Powders Technology	FD	Bradford College	£14,880.00	Approved: In Development
Electrical and Electronic Engineering	FD / Top-Up	Leeds College of Technology	£7,551.75	Complete
Casting Technology	FD	Bradford College	£14,880.00	Approved: In Development
Detail Sector Curriculum Mapping	n/a	All Partners	£5,000.00	Approved: In Development
Mechanical Engineering Design	MSc	University of Huddersfield	£6,566.40	Approved: In Development
Engineering Management	MSc	University of Huddersfield	£8,755.20	Approved: In Development
<b>Sub-Total</b>			<b>£85,203.35</b>	
Automotive Engineering	FD	Bradford University	£7,875.00	Approval Pending
Electrical Engineering	BEng	Bradford University	£6,750.00	Approval Pending
Food Technology	FD	Bradford College	£14,880.00	Approval Pending
Metallurgy and Materials	BEng	Bradford College	£14,880.00	Approval Pending
Electrical and Electronic Engineering	PA	Leeds College of Technology	£3,800.00	Approval Pending
Work-Based Learning and APEL Project	M-Level	Huddersfield University	£6,000.00	Approval Pending
Engineering Technology Management	PA	Huddersfield University	£5,000.00	Approval Pending
Mechanical Engineering	BEng (P/T)	Huddersfield University	£14,000.00	Approval Pending
Applied Science	Top-Up	Bradford College	£7,440.00	Approval Pending
X4 Prog Agreements	PA	All Partners	£24,000.00	Approval Pending
<b>Sub-Total</b>			<b>£104,625.00</b>	
<b>Grand Total</b>			<b>£189,828.35</b>	

**Area 1: Applied Science**

Title of Development		PRO0003: Foundation Degree in Applied Science										
Rationale for Development	Type and Level of Provision (e.g. FD full course)	Type of Activity				List Partners Engaged in Development or Delivery		List Employers Engaged in Development or Delivery		List SSCs Engaged in Development or Delivery		
		New		Modified		Development	Delivery	Development	Delivery	Development	Delivery	
		Content	Teaching and Learning or Assessment	Content	Teaching and Learning or Assessment							
HE progression route and vocational learning for industry	FD Applied Science	X	X			Bradford College and Leeds Metropolitan University		NHS Johnston and Johnston Covance Ciba Yorkshire Water Trading Standards				

Contribution To Targets (see above)		Status of Development			
New Learners (2009 Only)	16-20 (FTE) 10 (PT)	Completed	In Development	In Planning	
FDs or equivalent	1		Y		
Progression Agreements	1	Date Completed	Expected Completion Date	Expected Start Date	Expected Completion Date
			Sept 2009		

Expenditure Item	Estimated Cost (£)	Actual Cost When Known (£)	Estimated / Actual Cost Variance (£)
Staff Time	£7,440.00		
Resource Purchase			
Other Expenditure Items	£5,580.00 (Match Funding)		
<b>Totals</b>	<b>£13,020.00</b>		

Progression Agreement Linked to Curriculum Development								
Types of learners involved e.g. BTEC, NVQ	Course title and sending institution	HE qualification learner will enter	Course title and receiving institution	No. of progression agreements signed	No. of progression agreements in development	No. of different institutional signatories	Expected number of learners per year	ASN FTE Required
A-level	Applied Science Bradford College	FD	Applied Science Bradford College		1	1	20-25	20-25

**Area 2: Packaging Technology**

Title of Development		PRO0001 Foundation Degree in Packaging Technology									
Rationale for Development	Type and Level of Provision (e.g. FD full course)	Type of Activity				List Partners Engaged in Development or Delivery		List Employers Engaged in Development or Delivery		List SSCs Engaged in Development or Delivery	
		New		Modified		Development	Delivery	Development	Delivery	Development	Delivery
		Content	Teaching and Learning or Assessment	Content	Teaching and Learning or Assessment						
Industrial response	FD Packaging Technology	X	X			Bradford College and Leeds Metropolitan University		PIABC, IOM3 Macfarlane Group Nicholl Food Packaging PFF Thermoformed Packaging TW Packaging Watershed Packaging Widdups		Proskills Semta Cogent	

Contribution To Targets (see above)		Status of Development			
New Learners (2009 Only)	10 (PT)	Completed	In Development	In Planning	
FDs or equivalent	1		Y		
Progression Agreements	1	Date Completed	Expected Completion Date	Expected Start Date	Expected Completion Date
			Sept 2009		

Expenditure Item	Estimated Cost (£)	Actual Cost When Known (£)	Estimated / Actual Cost Variance (£)
Staff Time	£14,880.00		
Resource Purchase			
Other Expenditure Items	£3,720.00 (Match Funding)		
<b>Totals</b>	<b>£18,600.00</b>		

Progression Agreement Linked to Curriculum Development								
Types of learners involved e.g. BTEC, NVQ	Course title and sending institution	HE qualification learner will enter	Course title and receiving institution	No. of progression agreements signed	No. of progression agreements in development	No. of different institutional signatories	Expected number of learners per year	ASN FTE Required
TBC	-	-	-		1	TBC	10 (PT)	5

### Area 3: Engineering Technology – Mechanical

Title of Development		PRO0001 Foundation Degree Engineering Technology – Mechanical Strand										
Rationale for Development	Type and Level of Provision (e.g. FD full course)	Type of Activity				List Partners Engaged in Development or Delivery		List Employers Engaged in Development or Delivery		List SSCs Engaged in Development or Delivery		
		New		Modified		Development	Delivery	Development	Delivery	Development	Delivery	
		Content	Teaching and Learning or Assessment	Content	Teaching and Learning or Assessment							
Learner and industrial response	FD Engineering Technology	X	X			Bradford University and Wakefield College		IMechE				

Contribution To Targets (see above)		Status of Development			
New Learners	10 (PT)	Completed	In Development	In Planning	
FDs or equivalent	1	Y			
Progression Agreements	1	Date Completed	Expected Completion Date	Expected Start Date	Expected Completion Date
		27/01/09			

Expenditure Item	Estimated Cost (£)	Actual Cost When Known (£)	Estimated / Actual Cost Variance (£)
Staff Time	£5,250.00	£5,683.72	-£433.72
Resource Purchase			
Other Expenditure Items	£1,700.00 (Match Funding)	£2,071.84	£371.84
<b>Totals</b>	<b>£6,950.00</b>	<b>£7,755.56</b>	<b>£-61.88</b>

Progression Agreement Linked to Curriculum Development								
Types of learners involved e.g. BTEC, NVQ	Course title and sending institution	HE qualification learner will enter	Course title and receiving institution	No. of progression agreements signed	No. of progression agreements in development	No. of different institutional signatories	Expected number of learners per year	ASN FTE Required
FD	Engineering Technology Wakefield College	BEng	Manufacturing / Mechanical Engineering Bradford University		1	2	10 – 15 (PT)	TBC

**Area 4: Powders Technology**

Title of Development		PRO0002 Foundation Degree Powders Technology									
Rationale for Development	Type and Level of Provision (e.g. FD full course)	Type of Activity				List Partners Engaged in Development or Delivery		List Employers Engaged in Development or Delivery		List SSCs Engaged in Development or Delivery	
		New		Modified		Development	Delivery	Development	Delivery	Development	Delivery
		Content	Teaching and Learning or Assessment	Content	Teaching and Learning or Assessment						
Industrial response	FD Powders Technology	X	X			Bradford College and Leeds Metropolitan University		PowdermatriX Echem Evotec HLN supplies Hosokawa Micron Group Surface Technology Intercolour Manrochem		Proskills Semta Cogent	

Contribution To Targets (see above)		Status of Development			
New Learners	10 (PT)	Completed	In Development	In Planning	
FDs or equivalent	1		Y		
Progression Agreements	1	Date Completed	Expected Completion Date	Expected Start Date	Expected Completion Date
			Apr 2010		

Expenditure Item	Estimated Cost (£)	Actual Cost When Known (£)	Estimated / Actual Cost Variance (£)
Staff Time	£14,880.00		
Resource Purchase			
Other Expenditure Items	£3,720.00 (Match Funding)		
<b>Totals</b>	<b>£18,600.00</b>		

Progression Agreement Linked to Curriculum Development								
Types of learners involved e.g. BTEC, NVQ	Course title and sending institution	HE qualification learner will enter	Course title and receiving institution	No. of progression agreements signed	No. of progression agreements in development	No. of different institutional signatories	Expected number of learners per year	ASN FTE Required
TBC	-	-	-		1	TBC	10 (PT)	5

**Area 5: Electrical and Electronic Engineering**

Title of Development		PRO0005 Foundation Degree / BEng Top-Up Electrical and Electronic Engineering									
Rationale for Development	Type and Level of Provision (e.g. FD full course)	Type of Activity				List Partners Engaged in Development or Delivery		List Employers Engaged in Development or Delivery		List SSCs Engaged in Development or Delivery	
		New		Modified		Development	Delivery	Development	Delivery	Development	Delivery
		Content	Teaching and Learning or Assessment	Content	Teaching and Learning or Assessment						
Learner and industrial response. Maintain West Yorkshire Provision	FD / Top-Up Electrical and Electronic Engineering	X	X			Leeds College of Technology, Park Lane College and Leeds Metropolitan University		Allied Glass Containers AD Control Solutions Ltd Kone Plc SR Drives Ltd			

Contribution To Targets (see above)		Status of Development			
New Learners	10(FT) 20(PT)	Completed	In Development	In Planning	
FDs or equivalent	1	Y			
Progression Agreements	1	Date Completed	Expected Completion Date	Expected Start Date	Expected Completion Date
		12/01/09			

Expenditure Item	Estimated Cost (£)	Actual Cost When Known (£)	Estimated / Actual Cost Variance (£)
Staff Time	£7,551.75	£7,994.47	-£442.72
Resource Purchase			
Other Expenditure Items	£2,517.20 (Match Funding)	£3,366.24	£849.04
<b>Totals</b>	<b>£10,069.15</b>	<b>£11,360.71</b>	<b>£406.32</b>

Progression Agreement Linked to Curriculum Development								
Types of learners involved e.g. BTEC, NVQ	Course title and sending institution	HE qualification learner will enter	Course title and receiving institution	No. of progression agreements signed	No. of progression agreements in development	No. of different institutional signatories	Expected number of learners per year	ASN FTE Required
BTEC	Electrical / Electronics Leeds College of Technology	FD	Electrical and Electronic Engineering Leeds College of Technology	1		2	20	20

**Area 6: Casting Technology**

Title of Development		PRO0006 Foundation Degree Casting Technology									
Rationale for Development	Type and Level of Provision (e.g. FD full course)	Type of Activity				List Partners Engaged in Development or Delivery		List Employers Engaged in Development or Delivery		List SSCs Engaged in Development or Delivery	
		New		Modified		Development	Delivery	Development	Delivery	Development	Delivery
		Content	Teaching and Learning or Assessment	Content	Teaching and Learning or Assessment						
Industrial response	FD Casting Technology	X	X			Bradford College and Leeds Metropolitan University		Davy Roll Group Newbury Foundry Group George Taylor & Platt Sheffield Forge Masters GKN ICME		Proskills Semta Cogent	

Contribution To Targets (see above)		Status of Development			
New Learners	10 (PT)	Completed	In Development	In Planning	
FDs or equivalent	1		Y		
Progression Agreements	1	Date Completed	Expected Completion Date	Expected Start Date	Expected Completion Date
			June 2009		

Expenditure Item	Estimated Cost (£)	Actual Cost When Known (£)	Estimated / Actual Cost Variance (£)
Staff Time	£14,880.00		
Resource Purchase			
Other Expenditure Items	£3,720.00 (Match Funding)		
<b>Totals</b>	<b>£18,600.00</b>		

Progression Agreement Linked to Curriculum Development								
Types of learners involved e.g. BTEC, NVQ	Course title and sending institution	HE qualification learner will enter	Course title and receiving institution	No. of progression agreements signed	No. of progression agreements in development	No. of different institutional signatories	Expected number of learners per year	ASN FTE Required
TBC	-	-	-		1	TBC	10 (PT)	5

**Area 7: Mechanical Engineering Design**

Title of Development		PRO0007 MSc Mechanical Engineering Design									
Rationale for Development	Type and Level of Provision (e.g. FD full course)	Type of Activity				List Partners Engaged in Development or Delivery		List Employers Engaged in Development or Delivery		List SSCs Engaged in Development or Delivery	
		New		Modified		Development	Delivery	Development	Delivery	Development	Delivery
		Content	Teaching and Learning or Assessment	Content	Teaching and Learning or Assessment						
Local industrial need to supply CEng graduates and employees	MSc	X	X			The University of Huddersfield		Cummins Turbo Technologies Weir Valves Joseph Rhodes Cameron UK Bentley		IMechE	

Contribution To Targets (see above)		Status of Development			
New Learners	10(FT) 5(PT)	Completed	In Development	In Planning	
FDs or equivalent	1		Y		
Progression Agreements	1	Date Completed	Expected Completion Date	Expected Start Date	Expected Completion Date
			Dec 2009		

Expenditure Item	Estimated Cost (£)	Actual Cost When Known (£)	Estimated / Actual Cost Variance (£)
Staff Time	£6,566.40		
Resource Purchase			
Other Expenditure Items	£2,188.90 (Match Funding)		
<b>Totals</b>	<b>£8,755.20</b>		

Progression Agreement Linked to Curriculum Development								
Types of learners involved e.g. BTEC, NVQ	Course title and sending institution	HE qualification learner will enter	Course title and receiving institution	No. of progression agreements signed	No. of progression agreements in development	No. of different institutional signatories	Expected number of learners per year	ASN FTE Required
BEng	Engineering Technology Management, University of Huddersfield	MSc	Mechanical Engineering Design, University of Huddersfield		1	1	12	n/a

## Area 8: Engineering Management

Title of Development		PRO0008 MSc Engineering Management									
Rationale for Development	Type and Level of Provision (e.g. FD full course)	Type of Activity				List Partners Engaged in Development or Delivery		List Employers Engaged in Development or Delivery		List SSCs Engaged in Development or Delivery	
		New		Modified		Development	Delivery	Development	Delivery	Development	Delivery
		Content	Teaching and Learning or Assessment	Content	Teaching and Learning or Assessment						
Local industrial need to supply CEng graduates and employees	MSc	X	X			The University of Huddersfield		Cummins Turbo Technologies Weir Valves Joseph Rhodes Cameron UK Bentley		IMechE	

Contribution To Targets (see above)		Status of Development			
New Learners	10(FT) 5(PT)	Completed	In Development	In Planning	
FDs or equivalent	1		Y		
Progression Agreements	1	Date Completed	Expected Completion Date	Expected Start Date	Expected Completion Date
			Dec 2009		

Expenditure Item	Estimated Cost (£)	Actual Cost When Known (£)	Estimated / Actual Cost Variance (£)
Staff Time	£8,755.20		
Resource Purchase			
Other Expenditure Items	£2,918.40 (Match Funding)		
<b>Totals</b>	<b>£11,673.60</b>		

Progression Agreement Linked to Curriculum Development								
Types of learners involved e.g. BTEC, NVQ	Course title and sending institution	HE qualification learner will enter	Course title and receiving institution	No. of progression agreements signed	No. of progression agreements in development	No. of different institutional signatories	Expected number of learners per year	ASN FTE Required
BEng	Engineering Technology Management, University of Huddersfield	MSc	Mechanical Engineering Design, University of Huddersfield		1	1	12	n/a

### Area 9: Automotive Engineering

Title of Development		PRO0009 FdSc Automotive Engineering									
Rationale for Development	Type and Level of Provision (e.g. FD full course)	Type of Activity				List Partners Engaged in Development or Delivery		List Employers Engaged in Development or Delivery		List SSCs Engaged in Development or Delivery	
		New		Modified		Development	Delivery	Development	Delivery	Development	Delivery
		Content	Teaching and Learning or Assessment	Content	Teaching and Learning or Assessment						
Learner and industrial response. Supporting an existing BTEC National Diploma pathway	FdSc	X	X			Bradford University and Barking College		Tbc		Tbc	

Contribution To Targets (see above)		Status of Development			
New Learners	10(FT) 2009	Completed	In Development	In Planning	
FDs or equivalent	1		Y		
Progression Agreements	1	Date Completed	Expected Completion Date	Expected Start Date	Expected Completion Date
			Sept 2009		

Expenditure Item	Estimated Cost (£)	Actual Cost When Known (£)	Estimated / Actual Cost Variance (£)
Staff Time	£7,875.00		
Resource Purchase			
Other Expenditure Items	£1,700.00 (Match Funding)		
<b>Totals</b>	<b>£9,575.00</b>		

Progression Agreement Linked to Curriculum Development								
Types of learners involved e.g. BTEC, NVQ	Course title and sending institution	HE qualification learner will enter	Course title and receiving institution	No. of progression agreements signed	No. of progression agreements in development	No. of different institutional signatories	Expected number of learners per year	ASN FTE Required
FdSc	Automotive Engineering, Barking College	BSc	Industrial Design, Bradford University		1	2	12 Average	Tbc

**Area 10: Electrical Engineering**

Title of Development		PRO00010 BEng (Hons) Electrical Engineering									
Rationale for Development	Type and Level of Provision (e.g. FD full course)	Type of Activity				List Partners Engaged in Development or Delivery		List Employers Engaged in Development or Delivery		List SSCs Engaged in Development or Delivery	
		New		Modified		Development	Delivery	Development	Delivery	Development	Delivery
		Content	Teaching and Learning or Assessment	Content	Teaching and Learning or Assessment						
Learner and industrial response. Driven by local industrial and college support	BEng	X	X			Bradford University and Wakefield College		Drax West Yorkshire Police Force Airedale International		Tbc	

Contribution To Targets (see above)		Status of Development			
New Learners	8(PT) 2009	Completed	In Development	In Planning	
FDs or equivalent	1		Y		
Progression Agreements	1	Date Completed	Expected Completion Date	Expected Start Date	Expected Completion Date
			Aug 2009		

Expenditure Item	Estimated Cost (£)	Actual Cost When Known (£)	Estimated / Actual Cost Variance (£)
Staff Time	£6,750.00		
Resource Purchase			
Other Expenditure Items	£1,700.00 (Match Funding)		
<b>Totals</b>	<b>£8,450.00</b>		

Progression Agreement Linked to Curriculum Development								
Types of learners involved e.g. BTEC, NVQ	Course title and sending institution	HE qualification learner will enter	Course title and receiving institution	No. of progression agreements signed	No. of progression agreements in development	No. of different institutional signatories	Expected number of learners per year	ASN FTE Required
FdSc	Engineering Technology, Wakefield College	BEng (Hons)	Electrical Engineering, Bradford University		1	2	10 Average	Tbc

**Area 11: Food Technology**

Title of Development		PRO00011 FdSc Food Technology									
Rationale for Development	Type and Level of Provision (e.g. FD full course)	Type of Activity				List Partners Engaged in Development or Delivery		List Employers Engaged in Development or Delivery		List SSCs Engaged in Development or Delivery	
		New		Modified		Development	Delivery	Development	Delivery	Development	Delivery
		Content	Teaching and Learning or Assessment	Content	Teaching and Learning or Assessment						
Learner and industrial response. Driven by regional college requirements.	FdSc	X	X			Bradford College and Askham Byram College		Tbc		ProSkills Improve	

Contribution To Targets (see above)		Status of Development			
New Learners	12 (PT) 2009	Completed	In Development	In Planning	
FDs or equivalent	1		Y		
Progression Agreements	1	Date Completed	Expected Completion Date	Expected Start Date	Expected Completion Date
			Jan 2010		

Expenditure Item	Estimated Cost (£)	Actual Cost When Known (£)	Estimated / Actual Cost Variance (£)
Staff Time	£14,880.00		
Resource Purchase			
Other Expenditure Items	£3,720.00 (Match Funding)		
<b>Totals</b>	<b>£18,600.00</b>		

Progression Agreement Linked to Curriculum Development								
Types of learners involved e.g. BTEC, NVQ	Course title and sending institution	HE qualification learner will enter	Course title and receiving institution	No. of progression agreements signed	No. of progression agreements in development	No. of different institutional signatories	Expected number of learners per year	ASN FTE Required
BTEC	National Certificate, Askham Bryam College	FdSc	Food Technology, Bradford College		1	2	12 Average	6 FTE

**Area 12: Metallurgy and Materials**

Title of Development		PRO00012 BEng Metallurgy and Materials									
Rationale for Development	Type and Level of Provision (e.g. FD full course)	Type of Activity				List Partners Engaged in Development or Delivery		List Employers Engaged in Development or Delivery		List SSCs Engaged in Development or Delivery	
		New		Modified		Development	Delivery	Development	Delivery	Development	Delivery
		Content	Teaching and Learning or Assessment	Content	Teaching and Learning or Assessment						
Review of existing technical modules and work based learning from employer need.	BEng			X	X	Bradford College and Leeds Metropolitan University		BMW Bodycote Carrington Wire BAe Systems Fine Tubes Meltham Mills		SEMTA Cogent	

Contribution To Targets (see above)		Status of Development			
New Learners	12 (PT) 2009	Completed	In Development	In Planning	
FDs or equivalent	1		Y		
Progression Agreements	1	Date Completed	Expected Completion Date	Expected Start Date	Expected Completion Date
			Jan 2010		

Expenditure Item	Estimated Cost (£)	Actual Cost When Known (£)	Estimated / Actual Cost Variance (£)
Staff Time	£14,880.00		
Resource Purchase			
Other Expenditure Items	£3,720.00 (Match Funding)		
<b>Totals</b>	<b>£18,600.00</b>		

Progression Agreement Linked to Curriculum Development								
Types of learners involved e.g. BTEC, NVQ	Course title and sending institution	HE qualification learner will enter	Course title and receiving institution	No. of progression agreements signed	No. of progression agreements in development	No. of different institutional signatories	Expected number of learners per year	ASN FTE Required
BEng (Hons)	Metallurgy and Materials, Bradford College	MEng	Metallurgy and Minerals, Bradford College		1	1	12 Average	6 FTE

Area 13: AEMFC Collaborative Curriculum Mapping

Title of Development		AEMFC Collaborative Curriculum Mapping Workshop									
Rationale for Development	Type and Level of Provision (e.g. FD full course)	Type of Activity				List Partners Engaged in Development or Delivery		List Employers Engaged in Development or Delivery		List SSCs Engaged in Development or Delivery	
		New		Modified		Development	Delivery	Development	Delivery	Development	Delivery
		Content	Teaching and Learning or Assessment	Content	Teaching and Learning or Assessment						
Refine Current Sector Curriculum Map.	N/a	-	-	-	-	All Sector Group Members	All Sector Group Members	-	-	-	-

Contribution To Targets (see above)		Status of Development			
New Learners		Completed	In Development	In Planning	
FDs or equivalent					
Progression Agreements		Date Completed	Expected Completion Date	Expected Start Date	Expected Completion Date
			May 2009		

Expenditure Item	Estimated Cost (£)	Actual Cost When Known (£)	Estimated / Actual Cost Variance (£)
Staff Time	£5,000.00		
Resource Purchase			
Other Expenditure Items			
<b>Totals</b>	<b>£5,000.00</b>		

Progression Agreement Linked to Curriculum Development								
Types of learners involved e.g. BTEC, NVQ	Course title and sending institution	HE qualification learner will enter	Course title and receiving institution	No. of progression agreements signed	No. of progression agreements in development	No. of different institutional signatories	Expected number of learners per year	ASN FTE Required
N/a								

**Area 14: Electrical and Electronic Engineering**

Title of Development		PRO0014 Electrical and Electronic Engineering Progression Agreement									
Rationale for Development	Type and Level of Provision (e.g. FD full course)	Type of Activity				List Partners Engaged in Development or Delivery		List Employers Engaged in Development or Delivery		List SSCs Engaged in Development or Delivery	
		New		Modified		Development	Delivery	Development	Delivery	Development	Delivery
		Content	Teaching and Learning or Assessment	Content	Teaching and Learning or Assessment						
Improved learning theme progression for work-based learners	N/a					Leeds College of Technology, York College, Leeds Metropolitan University		Allied Glass Containers AD Control Solutions Ltd Kone Plc SR Drives Ltd			

Contribution To Targets (see above)		Status of Development			
New Learners	10(PT)	Completed	In Development	In Planning	
FDs or equivalent			Y		
Progression Agreements	1	Date Completed	Expected Completion Date	Expected Start Date	Expected Completion Date
			Dec 2009		

Expenditure Item	Estimated Cost (£)	Actual Cost When Known (£)	Estimated / Actual Cost Variance (£)
Staff Time	£3,800.00		
Resource Purchase			
Other Expenditure Items	£1,200.00 (Match Funding)		
<b>Totals</b>	<b>£5,000.00</b>		

Progression Agreement Linked to Curriculum Development								
Types of learners involved e.g. BTEC, NVQ	Course title and sending institution	HE qualification learner will enter	Course title and receiving institution	No. of progression agreements signed	No. of progression agreements in development	No. of different institutional signatories	Expected number of learners per year	ASN FTE Required
FdSC	Engineering, York College	BEng Top-Up	Electrical and Electronic Engineering		1	2	10	Tbc

Area 15: Work-Based Learning and APEL Project

Title of Development		PRO0015 MSc / MEng Engineering Project									
Rationale for Development	Type and Level of Provision (e.g. FD full course)	Type of Activity				List Partners Engaged in Development or Delivery		List Employers Engaged in Development or Delivery		List SSCs Engaged in Development or Delivery	
		New		Modified		Development	Delivery	Development	Delivery	Development	Delivery
		Content	Teaching and Learning or Assessment	Content	Teaching and Learning or Assessment						
Stated employer requirement	M-Level			X	X	The University of Huddersfield		Cummins Turbo Technologies		IMechE	

Contribution To Targets (see above)		Status of Development			
New Learners	10 (PT)	Completed	In Development	In Planning	
FDs or equivalent	1		Y		
Progression Agreements	1	Date Completed	Expected Completion Date	Expected Start Date	Expected Completion Date
			Sept 2009		

Expenditure Item	Estimated Cost (£)	Actual Cost When Known (£)	Estimated / Actual Cost Variance (£)
Staff Time	£6,000.00		
Resource Purchase			
Other Expenditure Items	£2,000.00 (Match Funding)		
<b>Totals</b>	<b>£8,000.00</b>		

Progression Agreement Linked to Curriculum Development								
Types of learners involved e.g. BTEC, NVQ	Course title and sending institution	HE qualification learner will enter	Course title and receiving institution	No. of progression agreements signed	No. of progression agreements in development	No. of different institutional signatories	Expected number of learners per year	ASN FTE Required
Work-based	N/a	MSc / MEng	Mechanical Engineering Programmes, University of Huddersfield		1	2	10 PT	N/a

## Area 16: Engineering Technology Management

Title of Development		PRO0016 Engineering Technology Management Progression Agreement									
Rationale for Development	Type and Level of Provision (e.g. FD full course)	Type of Activity				List Partners Engaged in Development or Delivery		List Employers Engaged in Development or Delivery		List SSCs Engaged in Development or Delivery	
		New		Modified		Development	Delivery	Development	Delivery	Development	Delivery
		Content	Teaching and Learning or Assessment	Content	Teaching and Learning or Assessment						
Work-based learner progression	N/a					The University of Huddersfield, All Sector Group Colleges		Cummins Turbo Technologies Weir Valves Joseph Rhodes Cameron UK Bentley David Brown		Tbc	

Contribution To Targets (see above)		Status of Development			
New Learners	10(PT)	Completed	In Development	In Planning	
FDs or equivalent			Y		
Progression Agreements	1	Date Completed	Expected Completion Date	Expected Start Date	Expected Completion Date
			Jun 2010		

Expenditure Item	Estimated Cost (£)	Actual Cost When Known (£)	Estimated / Actual Cost Variance (£)
Staff Time	£5,000.00		
Resource Purchase			
Other Expenditure Items	£1,500.00 (Match Funding)		
<b>Totals</b>	<b>£5,500.00</b>		

Progression Agreement Linked to Curriculum Development								
Types of learners involved e.g. BTEC, NVQ	Course title and sending institution	HE qualification learner will enter	Course title and receiving institution	No. of progression agreements signed	No. of progression agreements in development	No. of different institutional signatories	Expected number of learners per year	ASN FTE Required
FdSc	All Sector Group College	BEng	Engineering Technology Management, University of Huddersfield		1	6	10 PT	Tbc

**Area 17: Mechanical Engineering**

Title of Development		PRO0017 BEng Mechanical Engineering (Part-time Strand)									
Rationale for Development	Type and Level of Provision (e.g. FD full course)	Type of Activity				List Partners Engaged in Development or Delivery		List Employers Engaged in Development or Delivery		List SSCs Engaged in Development or Delivery	
		New		Modified		Development	Delivery	Development	Delivery	Development	Delivery
		Content	Teaching and Learning or Assessment	Content	Teaching and Learning or Assessment						
Local industrial need to supply CEng graduates and employees	BEng (Hons)			X	X	The University of Huddersfield		Cummins Turbo Technologies Weir Valves Joseph Rhodes Cameron UK Bentley David Brown		IMechE	

Contribution To Targets (see above)		Status of Development			
New Learners	10(PT)	Completed	In Development	In Planning	
FDs or equivalent	1		Y		
Progression Agreements	1	Date Completed	Expected Completion Date	Expected Start Date	Expected Completion Date
			Jun 2010		

Expenditure Item	Estimated Cost (£)	Actual Cost When Known (£)	Estimated / Actual Cost Variance (£)
Staff Time	£14,000.00		
Resource Purchase			
Other Expenditure Items	£4,000.00 (Match Funding)		
<b>Totals</b>	<b>£18,000.00</b>		

Progression Agreement Linked to Curriculum Development								
Types of learners involved e.g. BTEC, NVQ	Course title and sending institution	HE qualification learner will enter	Course title and receiving institution	No. of progression agreements signed	No. of progression agreements in development	No. of different institutional signatories	Expected number of learners per year	ASN FTE Required
BEng	Mechanical Engineering, University of Huddersfield	MEng	Mechanical Engineering, University of Huddersfield		1	1	10 (PT)	Tbc

Area 18: Applied Science

Title of Development		PRO0018 FdSc Applied Science / BSc Top-Up									
Rationale for Development	Type and Level of Provision (e.g. FD full course)	Type of Activity				List Partners Engaged in Development or Delivery		List Employers Engaged in Development or Delivery		List SSCs Engaged in Development or Delivery	
		New		Modified		Development	Delivery	Development	Delivery	Development	Delivery
		Content	Teaching and Learning or Assessment	Content	Teaching and Learning or Assessment						
Top-up to newly developed FD	BSc Top-Up Applied Science	X	X			Bradford College, Leeds Metropolitan University, and University of Huddersfield		NHS Johnston and Johnston Covance Ciba Yorkshire Water Trading Standards			

Contribution To Targets (see above)		Status of Development			
New Learners	16-20 (FTE) 10 (PT)	Completed	In Development	In Planning	
FDs or equivalent	1		Y		
Progression Agreements	1	Date Completed	Expected Completion Date	Expected Start Date	Expected Completion Date
			Jun 2010		

Expenditure Item	Estimated Cost (£)	Actual Cost When Known (£)	Estimated / Actual Cost Variance (£)
Staff Time	£7,440.00		
Resource Purchase			
Other Expenditure Items	£5,580.00 (Match Funding)		
<b>Totals</b>	<b>£13,020.00</b>		

Progression Agreement Linked to Curriculum Development								
Types of learners involved e.g. BTEC, NVQ	Course title and sending institution	HE qualification learner will enter	Course title and receiving institution	No. of progression agreements signed	No. of progression agreements in development	No. of different institutional signatories	Expected number of learners per year	ASN FTE Required
FdSC	Applied Science Bradford College	BSc	Applied Science, Bradford College		1	1	20-25	20-25

## Marketing Strategy

Rationale	Type of Activity	List of Partners Engaged	List of Employers Engaged	List of SSCs Engaged	Estimated Costs (£)	Actual Final Cost When Known (£)
Recording employer engagements and marketing	Purchase of CRM System	All Partners	N/a	N/a	£300.00	£317.26
Awareness and chemical industry segment support	YCF ChemSkills Event 22/05/08.	All Partners	Yorkshire Chemical Focus CIBA Syngenta James Robinson Kemira Vickers Labs	N/a	£500.00	N/a – Paid by YCF.
Development of new FD in Casting	Casting a Firm Foundation Event 01/05/08	Bradford College	ICME Newby Foundries CMF	Semta	£500.00	N/a – Paid by Newby Foundries.
Raise profile of FD and employer engagement best practice	Spaced Dissemination Conference Event 10-11/07/08	Bradford College Leeds College of Technology	Honeywell Stanley Tools BMW British Energy Meltham Mills JISC HEFCE	Semta	£500.00	£587.50
Raising profile of sector and marketing to regional learners	Y&H Regional Skills Event 08-09/10/08	All Partners	7095 Regional Learners Outokumpu Siemens Cummins Turbos Corus JTL Training Metskills Brinsworth Training	Cogent-SSC Semta	£500.00	£798.57  (£668.57, £130.00)
Key skills awareness and engagement for sector employers	Foundation for Your Future Event 28/10/08	All Partners	KAG Luminare Cameron UK WS Westin PestWest Echostar Cummins Turbos	Semta	£2,500.00	£2,964.09  (£1,885.25, £220.00, £32.40, £235.00, £505.19 £86.25)

			Weir Valves Just Business Partnerships Granulated Glass Equitrek Fieldhouse Industrial Services Crescent Machinery ChemResist Group Kingfisher Enasec Ltd Moorland Tools Prescott Machine Services Electronics and Management Mandate Systems IET			
Key skills awareness and engagement for sector learners	Developing Your Business and Professional Potential Event 11/11/08	All Partners	Engenus Limited Schneider Electric 26 Learners	Semta	£750.00	£812.50  <i>(£612.50, £200.00)</i>
Sector collaboration and case study dissemination	Metal Manufacturing Event 26/11/08	University of Huddersfield, Bradford College, NAMTEC	BERR Caparo Merchant Bar Plc NPL Davy Markham Evenort Ltd Kiveton Park Steel TRI International Metals Yorkshire Forward Portobello Fabrications RiDO CTI International Resistalloy Trading Otukumpu National Skills	Semta	£500.00	N/a Paid by WYLLN staff development.

			Academy Brinsworth Training IOM3 Corus EEF Siemens Newburgh Engineering			
Raising awareness and up-skilling Sector employees	Solidworks Awareness Seminar Event 16/12/08	University of Huddersfield, Solid Solutions	Linertech Ltd Lancereal Ltd P. Bairstow Ltd Davley Fabrications Woodcock and Wilson Ltd Keighley Labs Ltd Rohan Wolmarans	-	£500.00	£177.55
Foundation Degree Launch	FD Casting Technology Launch Event 28/01/09	All Partners ICME	Foseco (UK) Ltd P I Castings VP Technology CMF Brafe Engineering Ltd IOM3 William Cook Group Tritech Precision Products Ltd Russell Ductile Bradken - UK Newby Foundries Ltd Chamberlin plc Finecast Foundry Darwins Holdings Ltd Tor Lodge Trust Sandawana Castings ICME Maxima Engineering Ltd	Semta	£1,350.00	£1,350.00

			Train to Gain Striko UK Ltd Swan Foundry FDF Foundry Trade Journal Ramsell Naber Ltd Brafe Engineering Ltd Bradken - Darlaston ESI Group ALFED Newby Foundries Ltd Norse Precision William Cook Group PMMMA Maybrey Reliance Mathers Baxi Group National Skills Academy			
WYLLN Awareness	WYLLN Showcase Event Poster	All Partners	-	-	£250.00	£272.47
Innovative Supply Chain Collaboration and Development	IET Open Innovation in Manufacturing Supply Chains 25/03/09	All Partners	Tbc	IET	£750.00	£570.01
Profile Raising Through Awards Event	Yorkshire Productivity Awards Event, Royal Armouries 21/04/09	All Partners	Tbc	-	£500.00	£250.00
Design for Manufacture Seminar to Raise Innovation	Solidwork/SolidCAM Seminar 04/06/09	University of Huddersfield, Solid Solutions SolidCAM	Tbc	-	£250.00	£155.25
Recording employer engagements and marketing	Sage CRM Support and Upgrade Renewal	All Partners	N/a	N/a	£200.00	£178.25

Collaborative Marketing Expenses	Summary Copywriting Room Hire Hospitality Train Travel Equipment Mailshots Posters	All Partners	N/a	N/a	£2000.00	£1,950.79 <i>(£875.00, £129.00, £20.00, £245.00, £302.49, £159.53 £219.77)</i>
Brochure and Design Costs	AEMFC Sector brochure and associated Design work	All Partners	N/a	N/a	£2,142.60	£1,905.19
<b>Learners Engaged Through Events</b>						<b>7,121</b>
<b>Employers Engaged Through Events</b>						<b>110 Approx</b>
<b>Events Completed</b>						<b>13</b>
<b>Expenditure Grand Total</b>						<b>£12,289.43</b>

Budget £5,681.00 x 3 Years = £17,043.00

Remaining Fund = £4,753.57

## Future Marketing Strategies

Rationale	Type of Activity	List of Partners Engaged	List of Employers Engaged	List of SSCs Engaged	Estimated Costs (£)	Actual Final Cost When Known (£)
Collaborative IET / IMechE Event	Best Practice Dissemination Event	All Partners	Tbc (Est 10)	Semta	£500.00	Tbc
Promote WYLLN Curriculum and	Professional Engineer Registration Event 24/09/09 & 22/10/09	All partners	Tbc (Est 30)	Semta Cogent Improve Proskill	£1,000.00	Tbc
Raise CPD as a part-time route for FE/HE work-based learners	Flexible CPD Event	All partners	Tbc (Est. 30)	Semta Cogent Improve Proskill	£2,500.00	Tbc
Learner marketing and employer focus	Exhibition Event	All partners	Tbc (Est. 10) Learners (Est 7,000)	Semta	£1,000.00	Tbc
Collaborative Marketing Expenses	Copywriting Mailshots Design Printing	-	-	-	£500.00 £150.00 £500.00 £500.00	Tbc
<b>Estimated Learners Engaged Through Events</b>						<b>7,000</b>
<b>Estimated Employers Engaged Through Events</b>						<b>80</b>
<b>Events Planned</b>						<b>4</b>
<b>Estimated Expenditure Grand Total</b>						<b>£6,650</b>

# WYLLN Employer Engagement Record for Sector Groups

Company	Address 1	Address 2	Address 3	City	County	Postcode	Country	Contact	Phone	E-mail	Sector Area	Nature of Contact	Outcome of Contact
Bradford College	Bradford Campus	Great Horton Road		Bradford	West Yorkshire	BD7 1AY	United Kingdom	John Armstrong	+44 (0)12 7443 6491	j.armstrong@bradfordcollege.ac.uk	AEMFC Academic	Curriculum Development	Sector Partnership
Wakefield College	Whitwood Campus	Four Lane Ends		Castleford	West Yorkshire	WF10 5NF	United Kingdom	David Fisher	+44 (0)19 2478 9437	d.fisher@wakefield.ac.uk	AEMFC Academic	Curriculum Development	Sector Partnership
Electronics Yorkshire	Airedale House	Clayton Wood Rise	West Park	Leeds	West Yorkshire	LS16 6RF	United Kingdom	Peter Brooks	+44 (0)11 3274 4270	pbrooks@electronicsyorkshire.org.uk	AEMFC Associate	Sector Development	Sector Partnership
The Institution of Engineering and Technology	78 Becketts Park Drive	Headingley Red Doles Lane		Leeds	West Yorkshire	LS6 3PL	United Kingdom	Brian Firth	+44 (0)11 3275 7351		AEMFC Associate	Sector Development	Sector Partnership
Textile Centre of Excellence	Textile House			Huddersfield	West Yorkshire	HD2 1YF	United Kingdom	Geraldine Hackett	+44 (0)14 8434 6500	geraldine.hackett@textile-training.com	AEMFC Associate	Sector Development	Sector Partnership
The Institution of Engineering and Technology	Michael Faraday House	Six Hills Way		Stevenage		SG1 2AY	United Kingdom	Mary Jane Halstead	+44 (0)12 7461 8739	mjhalstead@theiet.org	AEMFC Associate	Sector Development	Sector Partnership
Cogent SSC Limited	Unit 5 Mandarin Court	Centre park		Warrington	Lancashire	WA1 1GG	United Kingdom	Gordon Jackson	+44 (9)15 2717 18	gordon.jackson@cogent-ssc.com	AEMFC Associate	Sector Development	Sector Partnership
Cogent SSC Limited	Unit 5 Mandarin Court	Centre park		Warrington	Lancashire	WA1 1GG	United Kingdom	Liz Johnson	+44 (0)17 0765 6367	liz.johnson@cogent-ssc.com	AEMFC Associate	Sector Development	Sector Partnership
Textile Centre of Excellence	Textile House	Red Doles Lane		Huddersfield	West Yorkshire	HD2 1YF	United Kingdom	Sue Lightburn	+44 (0)80 0052 0111	suelightburn@textile-training.com	AEMFC Associate	Sector Development	Sector Partnership
Just Business Partnerships Limited	Greystone	8 Moorland Gardens	Moortown	Leeds	West Yorkshire	LS17 6JT	United Kingdom	Paul Matthews	+44 (0)11 3269 4436	paul@justbusinesspartnerships.co.uk	AEMFC Associate	Sector Development	Sector Partnership
National Metals Technology Centre	Swinden House	Moorgate Road		Rotherham	Yorkshire	S60 3AR	United Kingdom	Eleanor Megson	+44 (0)17 0972 4990	eleanor.megson@nationalmetals.com	AEMFC Associate	Sector Development	Sector Partnership
Yorkshire Chemical Focus Limited	PO Box A38	Leeds Road		Huddersfield	West Yorkshire	HD2 1FF	United Kingdom	Jane Mockford	+44 (0)14 8443 3217	jane@ycf.org.uk	AEMFC Associate	Sector Development	Sector Partnership
Cogent SSC Limited	Unit 5 Mandarin Court	Centre park		Warrington	Lancashire	WA1 1GG	United Kingdom	Tony Pringle	+44 (0)17 0762 851	tony.pringle@cogent-ssc.com	AEMFC Associate	Sector Development	Sector Partnership
Electronics Yorkshire	Airedale House	Clayton Wood Rise	West Park	Leeds	West Yorkshire	LS16 6RF	United Kingdom	Allan Row	+44 (0)11 4254 1239	allanr@electronicsyorkshire.org.uk	AEMFC Associate	Sector Development	Sector Partnership
Wynyard Park	House	Wynyard Park		Wynyard	Teesside	TS22 5TB	United Kingdom	Lee Smith	+44 (0)17 4062 7000	lsmith@semta.org.uk	AEMFC Associate	Sector Development	Sector Partnership
SEMTA	Textile Centre of Excellence	Red Doles Lane		Huddersfield	West Yorkshire	HD2 1YF	United Kingdom	John Warburton	+44 (0)14 8434 6500	johnwarburton@textile-training.com	AEMFC Associate	Sector Development	Sector Partnership
Yorkshire Forward	Victoria House	2 Victoria Place		Leeds	West Yorkshire	LS11 5AE	United Kingdom	Richard Wright	+44 (0)12 2624 5001	richard.wright@yorkshire-forward.com	AEMFC Associate	Sector Development	Sector Partnership
Yorkshire Forward	Victoria House	2 Victoria Place		Leeds	West Yorkshire	LS11 5AE	United Kingdom	Stephen Clements	+44 (0)11 3394 9837	stephen.clements@yorkshire-forward.com	AEMFC Sector Champion	Sector Development	Sector Partnership
Institute of Materials Minerals and Mining	Danum House	South Parade		Doncaster	South Yorkshire	DN1 2DY	United Kingdom	Peter Davies	+44 (0)13 0232 0486	peter.davies@iom3.org	AEMFC Sector Champion	Sector Development	Sector Partnership
Yorkshire Chemical Focus Limited	PO Box A38	Leeds Road		Huddersfield	West Yorkshire	HD2 1FF	United Kingdom	Sabine Holmes	+44 (0)14 6955 2842	sabine@ycf.org.uk	AEMFC Sector Champion	Sector Development	Sector Partnership
Electronics Yorkshire	Airedale House	Clayton Wood Rise	West Park	Leeds	West Yorkshire	LS16 6RF	United Kingdom	Andy Lee	+44 (0)11 3274 4250	andy@electronicsyorkshire.org.uk	AEMFC Sector Champion	Sector Development	Sector Partnership
Textile Centre of Excellence	Textile House	Red Doles Lane		Huddersfield	West Yorkshire	HD2 1YF	United Kingdom	Bill Macbeth	+44 (0)14 8434 6500	bill.macbeth@textile-training.com	AEMFC Sector Champion	Sector Development	Sector Partnership
Institute of Cast Metals Engineers	47 Birmingham Road			West Bromwich	West Midlands	B70 6PY	United Kingdom	Pam Murrell	+44 (0)12 1601 6979	pam@icme.org.uk	AEMFC Sector Champion	Sector Development	Sector Partnership
National Metals Technology Centre	Swinden House	Moorgate Road		Rotherham	South Yorkshire	S60 3AR	United Kingdom	Anita Sunderland	+44 (0)17 0972 2472	anita.sunderland@nationalmetals.com	AEMFC Sector Champion	Sector Development	Sector Partnership
The University of Huddersfield	School of Computing and Engineering	Queensgate		Huddersfield	West Yorkshire	HD1 3DH	United Kingdom	John Baron	+44 (0)14 8447 2203	j.baron@hud.ac.uk	AEMFC Sector Member	Sector Development	Sector Partnership
Huddersfield Technical College	New North Road			Huddersfield	West Yorkshire	HD1 5NN	United Kingdom	Diana Branston	+44 (0)14 8443 7041	dbranston@huddcoll.ac.uk	AEMFC Sector Member	Sector Development	Sector Partnership
Park Lane College	Cavendish Street			Keighley	West Yorkshire	BD21 3DF	United Kingdom	Kathryn Brennand	+44 (0)15 3561 8555	kathryn.brennand@keighley.ac.uk	AEMFC Sector Member	Sector Development	Sector Partnership
Bradford College	Bradford Campus	Great Horton Road		Bradford	West Yorkshire	BD7 1AY	United Kingdom	Richard Brown	+44 (0)12 7443 3381	rsa.brown@bradfordcollege.ac.uk	AEMFC Sector Member	Sector Development	Sector Partnership
Wakefield College	Whitwood Campus	Four Lane Ends		Castleford	West Yorkshire	WF10 5NF	United Kingdom	Mark Butcher	+44 (0)19 2478 9453	m.butcher@wakefield.ac.uk	AEMFC Sector Member	Sector Development	Sector Partnership
The University of Huddersfield	School of Computing and	Queensgate		Huddersfield	West Yorkshire	HD1 3DH	United Kingdom	Paul Denton	+44 (0)14 8447 3672	p.d.denton@hud.ac.uk	AEMFC Sector Member	Sector Development	Sector Partnership

Engineering													
Bradford College	Bradford Campus	Great Horton Road		Bradford	West Yorkshire	BD7 1AY	United Kingdom	Pat Donovan	+44 (0)12 7443 6409	p.donovan@bradfordcollege.ac.uk	AEMFC Sector Member	Sector Development	Sector Partnership
The University of Huddersfield	School of Applied Sciences	Queensgate		Huddersfield	West Yorkshire	HD1 3DH	United Kingdom	Tim Gabriel	+44 (0)14 8447 2203	t.gabriel@hud.ac.uk	AEMFC Sector Member	Sector Development	Sector Partnership
Yorkshire Productivity	Marsel House	Stephensons Way		Ikley	West Yorkshire	LS29 8DD	United Kingdom	Alastair Gladstone	+44 (0)19 4360 5976	alistair.gladstone@virtual-college.co.uk	AEMFC Sector Member	Sector Development	Sector Partnership
Leeds College of Technology	Westland Road			Leeds	West Yorkshire	LS11 5SB	United Kingdom	Kevin Lawson	+44 (0)11 3297 9414	k.lawson@lct.ac.uk	AEMFC Sector Member	Sector Development	Sector Partnership
SEMTA	Wynyard One	Conference Centre		Wynyard	Teesside	TS22 5SS	United Kingdom	Lindsay Middleton	+44 (0)15 3561 8555	lmiddleton@semta.org.uk	AEMFC Sector Member	Sector Development	Sector Partnership
The University of Bradford	Richmond Road			Bradford	West Yorkshire	BD7 1DP	United Kingdom	Eric Morgan	+44 (0)12 7423 4246	e.morgan@bradford.ac.uk	AEMFC Sector Member	Sector Development	Sector Partnership
Education Leeds	10th Floor West	110 Merriion Centre		Leeds	West Yorkshire	LS2 8DT	United Kingdom	Gill Ponsford	+44 (0)11 3247 5590	gill.ponsford@educationleeds.co.uk	AEMFC Sector Member	Sector Development	Sector Partnership
Union Learn	3rd Floor The Half	33 Park Place Wellington Road		Leeds	West Yorkshire	LS1 2RY	United Kingdom	Jim Scott	+44 (0)11 3242 9296	jimscott@tuc.org.uk	AEMFC Sector Member	Sector Development	Sector Partnership
YPEF Services Ltd	Roundhouse	Capitol		Leeds	West Yorkshire	LS12 1DR	United Kingdom	Suzy Alderson	+44 (0)11 3394 7949	suzy.alderson@ypef.org.uk	Business Associate	Sector Development	Sector Partnership
Business Link	1 Capitol Court	Business Park	Dodworth	Barnsley	Yorkshire	S75 3TZ	United Kingdom	Paul Tansey		p.tansey@businesslinkyorkshire.co.uk	Business Associate	Sector Development	Sector Partnership
JVD Engineering Ltd	Units 1 - 3 Canal Wharf	Wyther Lane	Kirkstall	Leeds	West Yorkshire	LS5 3BT	United Kingdom	Matthew Abraham-Thomas	+44 0113 275 1414	matthew@jvdingineering.co.uk	Customer	Letter / Telephone	
Universal Engineering Workholding Ltd	New Street	Netherton		Huddersfield	West Yorkshire	HD4 7EZ	United Kingdom	Martin Adams	+44 01484 663018	sales@uew.co.uk	Customer	Letter / Telephone	
Clearwater Collection Limited	Enterprise House	Bowling Back Lane		Bradford	West Yorkshire	BD4 8SX	United Kingdom	Darren Allison	+44 01274 738140	enquiries@clearwater-collection.com	Customer	Letter / Telephone	
Thorite Oracle Drive Systems Limited	Thorite House	Laisterdyke Technology Drive		Bradford	West Yorkshire	BD4 8BZ	United Kingdom	Mike Armstrong	+44 01274 663471	mike.armstrong@thorite.co.uk	Customer	Letter / Telephone	
Aire Group Ltd	31 Bb&Tc			Batley	West Yorkshire	WF17 6ER	United Kingdom	Jonathan Ash	+44 08703 216722	jon.ash@oracledrive systems.co.uk	Customer	Letter / Telephone	
T W & E Bailey	Woodlands	Dale Street	Longwood	Huddersfield	West Yorkshire	HD3 4TG	United Kingdom	Richard Bailey	+44 01484 646559		Customer	Letter / Telephone	
PFF Ltd	North St Works	Silsden	Royd Ings Avenue	Keighley	West Yorkshire	BD20 9PE	United Kingdom	Steven Bailey	+44 01535 654155		Customer	Letter / Telephone	
W J S UK	Unit 3	Airedale Park		Keighley	West Yorkshire	BD212 4BZ	United Kingdom	Nick Birstow	+44 01535 662800	nick@pff.uk.com	Customer	Letter / Telephone	
Parapan Cummins Turbo Technology Ltd	Unit 13 Moat House Square	Trading Estate	Thorp Arch	Wetherby	West Yorkshire	LS23 7BJ	United Kingdom	Chris Baker	+44 01937 845499	chris@wjsuk.com	Customer	Letter / Telephone	
Gildersome	Spur	Gildersome	Morley	Leeds	West Yorkshire	LS27 7JZ	United Kingdom	G Baker	+44 0113 201 2240		Customer	Letter / Telephone	
SIA Abrasives GB Ltd	St Andrew's Road			Huddersfield	West Yorkshire	HD1 6RA	United Kingdom	Ken Ball	+44 01484 832121	ken.ball@cummins.com	Customer	Letter / Telephone	
Kemira Chemicals (UK) Ltd	Ellistones Lane	Greetland		Halifax	West Yorkshire	HX4 8NH	United Kingdom	Ray Bardsley	+44 01422 313300	ray.bardsley@sia-abrasives.com	Customer	Letter / Telephone	
Boxford Ltd	Bowling Park Drive			Bradford	West Yorkshire	BD4 7TT	United Kingdom	Louise Barnes	+44 01274 733891	info@kemira.com	Customer	Letter / Telephone	
Heights UK Ltd	Boy Lane	Wheatley		Halifax	West Yorkshire	HX3 5AF	United Kingdom	Paul Barraclough	+44 01422 358311	pbarracloough@boxford.co.uk	Customer	Letter / Telephone	
Multi Marque Cinetic Landis Grinding Ltd	Wainstalls			Halifax	West Yorkshire	HX2 7TJ	United Kingdom	John Barrans			Customer	Letter / Telephone	
Aire Erosion	Unit 33	Monckton Road Industrial Estate	Wakefield	West Yorkshire	WF2 7AL		United Kingdom	Paul Barrett	+44 01924 290231	enquiries@multi-marque.co.uk	Customer	Letter / Telephone	
Teconnex Ltd	Cross Hills			Keighley	West Yorkshire	BD20 7SD	United Kingdom	Chris Bartlett	+44 01535 639551	cbartlett@cinetic-landis.co.uk	Customer	Letter / Telephone	
Ashleigh Signs Ltd	Bobbin House	Viaduct Street		Leeds	West Yorkshire	LS28 6RR	United Kingdom	Steve Batt	+44 0113 256 0466	adrian@ezedm.com	Customer	Letter / Telephone	
Press Cut Machinery Ltd	Bronte Works	Chesham Street		Keighley	West Yorkshire	BD21 4LG	United Kingdom	Dean Battersby	+44 01535 613630	dean.battersby@teconnex.com	Customer	Letter / Telephone	
CLB Precision Engineers Ltd	Ashleigh House	Marsh Street	Rothwell	Leeds	West Yorkshire	LS26 0AG	United Kingdom	Andrew Bedford	+44 0113 282 8292	jholdcroft@ashleigh.co.uk	Customer	Letter / Telephone	
	PO Box 23	Shepley		Huddersfield	West Yorkshire	HD8 8WY	United Kingdom	Allen Benett	+44 01484 609000	presscut@beeb.net	Customer	Letter / Telephone	
	Unit 19 Phoebe Lane Industrial Estate	Siddal		Halifax	West Yorkshire	HX3 9EX	United Kingdom	Chris Berrett	+44 01422 383803	chris@clbengineers.co.uk	Customer	Letter / Telephone	

Burton Safes Ltd	Unit 11-13 Brockholes Business Park Unit E1 Stubs Beck	Rock Mill Road Lane West26 Cleckheaton	Brockholes	Huddersfield	West Yorkshire	HD9 7BN	United Kingdom	Norman Berry	+44 01484 663388		Customer	Letter / Telephone
ACL				Bradford	West Yorkshire	BD194TT	United Kingdom	Richard Berry	+44 01274 851751	richard@acle1.co.uk	Customer	Letter / Telephone
GBS Solutions Ltd	Unit 5 Springmill Street	Dyson Street	Heaton	Bradford	West Yorkshire	BD9 4DE	United Kingdom	Glyn Bingham	+44 01274 221641	gbingham@gbssoluti ons.com	Customer	Letter / Telephone
Gardner Denver Drum Ltd	Clayton Wood House	6 Clayton Wood Bank		Bradford	West Yorkshire	BD5 7YH	United Kingdom	John Birkby	+44 0113 2307597	paul.birtles@surginn o.co.uk	Customer	Letter / Telephone
Surgical Innovations Ltd				Leeds	West Yorkshire	LS16 6RF	United Kingdom	Paul Birtles	+44 01484 465500		Customer	Letter / Telephone
David Brown Eng Ltd	Park Road			Huddersfield	West Yorkshire	HD4 5DD	United Kingdom	Dave Blacker	+44 01706 751013	cbogan@gears.reno l.d.com	Customer	Letter / Telephone
Renold Gears Ltd	Station Road	Milnrow		Rochdale	West Yorkshire	OL16 3LS	United Kingdom	Cath Bogan	+44 01924 204830	d_boothman@hamm ond-bindery.co	Customer	Letter / Telephone
Hammond Bindery Limited	Flanshaw Way Ainleys Industrial Estate	Flanshaw Lane		Wakefield	West Yorkshire	WF2 9LP	United Kingdom	David Boothman			Customer	Letter / Telephone
Walker Bros Elland Ltd				Huddersfield	West Yorkshire	HX5 9JP	United Kingdom	Lee Bootomley	+44 01422 310767	lee.bottomley@wbell and.com	Customer	Letter / Telephone
Bibby Transmissions	Cannon Way Beckside	Mill Street West Millenium Business Park	Station Road Steeton	Dewsbury	West Yorkshire	WF13 1EH	United Kingdom	Gerry Bowen	+44 01924 460801	jarmitage@bibbytran smissions.co.uk	Customer	Letter / Telephone
Echostar Europe Ltd	Design Centre Turnbridge			Keighley	West Yorkshire	BD20 6QW	United Kingdom	Liz Brent	+44 01535 659000	liz.brent@echostar.c om	Customer	Letter / Telephone
John L Brierley Ltd Cache	Mills Oakwood House	Quay Street 332A Horbury Road	Lupset	Huddersfield	West Yorkshire	HD1 6QT	United Kingdom	Ian Brierley	+44 01484 435555		Customer	Letter / Telephone
Instrumentation Ltd	Sidings Industrial Park	Birds Royd Lane		Wakefield	West Yorkshire	WF2 8JQ	United Kingdom	Allan Briggs	+44 (0)19 2437 8844	allan@cacheuk.com	Customer	Letter / Telephone
Brunswick Tooling				Brighouse	West Yorkshire	HD6 1LQ	United Kingdom	Andrew Briggs	+44 01484 719000	mach2008@brunswi cktooling.co.uk	Customer	Letter / Telephone
BOM Engineering Ltd	Station Road	Morley		Leeds	West Yorkshire	LS27 8JT	United Kingdom	Mark Brook	+44 0113 253 7544	sales@bomeng.co.u k	Customer	Letter / Telephone
Bar Products & Services Ltd	Hanworth Road	Low Moor Carrmills Business Centre		Bradford	West Yorkshire	BD12 0SG	United Kingdom	David Brooke	+44 01274 693249	info@barproductsan dservices.com	Customer	Letter / Telephone
P Z Engineering Limited	Unit 1012&15 Drakes Industrial Estate			Birstall	West Yorkshire	WF17 9JX	United Kingdom	Paul Brooke	+44 01924 442056	sales@pzeld.co.uk	Customer	Letter / Telephone
Yorkshire Stainless Specialist				Halifax	West Yorkshire	HX3 6RL	United Kingdom	Darren Brown	+44 01422 244202		Customer	Letter / Telephone
Thomas Brown Engineering Ltd	Oldfield Street	Crosland Moor		Huddersfield	West Yorkshire	HD4 5AJ	United Kingdom	Tom Brown	+44 01484 548903	info@thomasbrown eengineering.co.uk	Customer	Letter / Telephone
Salamander Fabrications Ltd	Works	Old Bank	Slaitwhaite	Huddersfield	West Yorkshire	HD7 5HB	United Kingdom	Alan Browning	+44 01484 843599	alan@salamanderfab s.com	Customer	Letter / Telephone
Burgess & Co Ltd	New North Road			Heckmondwike	West Yorkshire	WF16 9DW	United Kingdom	Chris Burgess	+44 01924 402406	sales@cburgess.co. uk	Customer	Letter / Telephone
Burns Welding Service	Unit 8 Albert Mills 150-168 Manningham Lane	St Vincent Road		Pudsey	West Yorkshire	LS28 9EW	United Kingdom	Christopher Burns	+44 0113 290 9431	burnswelding@virgin .net	Customer	Letter / Telephone
KAG Luminaire Ltd	Siddal Hall Works			Bradford	West Yorkshire	BD8 7DT	United Kingdom	David Butler	+44 01274 761041	dbutler@kag.co.uk	Customer	Letter / Telephone
Seymour Engineering Ltd		Phoebe Lane		Halifax	West Yorkshire	HX39AS	United Kingdom	David Butterworth	+44 01422 362135	david@seymourenge neering.co.uk	Customer	Letter / Telephone
Hilclare Technology	Park Road	Elland		Elland	West Yorkshire	HX5 9HX	United Kingdom	John Byrne	+44 01422 373850	john@hilclare.com	Customer	Letter / Telephone
Cameron Ltd	Queen Street	Stourton		Leeds	West Yorkshire	LS10 1SB	United Kingdom	Maria Cahill	+44 0113 2764327		Customer	Letter / Telephone
Polymaster (UK) Ltd	Upper Mills	Slaitwhaite		Huddersfield	West Yorkshire	HD7 5HA	United Kingdom	Paul Callaghan	+44 01484 847464	paul.polymaster@btc lick.com	Customer	Letter / Telephone
George Barker Leeds Ltd	Highfield Rd	Idle		Bradford	West Yorkshire	BD10 8RU	United Kingdom	Tony Callaghan	+44 01274 703200	derek.bower@eptare frigeration.com	Customer	Letter / Telephone
Carlton Cards Ltd	Mill Street East			Dewsbury	West Yorkshire	WF12 9AW	United Kingdom	Brian Capps	+44 01924 465200		Customer	Letter / Telephone
Cummins Turbo Technology Ltd	St Andrew's Road			Huddersfield	West Yorkshire	HD1 6RA	United Kingdom	Henry Carr	+44 01484 440364	henry.carr@cummins .com	Customer	Letter / Telephone
Litestructures GB Ltd	Langthwaite Grange Business Park			Huddersfield	West Yorkshire	HD1 6RA	United Kingdom	Henry Carr	+44 01977 659800	richard.carr@litestruc tures.co.uk	Customer	Letter / Telephone
Litestructures GB Ltd		South Kirkby		Wakefield	West Yorkshire	WF9 3NR	United Kingdom	Richard Carr			Customer	Letter / Telephone

Henshaw Engineering	31 Henshaw Lane	Yeadon		Leeds	West Yorkshire	LS19 7RZ	United Kingdom	Tim Carr	+44 0113 250 5714	henshaweng@hotmail.co.uk	Customer	Letter / Telephone
Qualified Results Pepperl + Fuchs GB Ltd	8 Dockery 77 Ripponden Road			Huddersfield	West Yorkshire	HD1 3TP	United Kingdom	Lois Carter		lois@qualified-results.com	Customer	Letter / Telephone
Medipex Ltd	34 Hyde Terrace			Leeds	West Yorkshire	LS2 9NL	United Kingdom	Kevin Chester	+44 0161 628 3114	kchester@gb.pepperl-fuchs.com	Customer	Letter / Telephone
Stanwell Technic Ltd	Hope Bank Works	New Mill Road	Honley	Holmfirth	West Yorkshire	HD9 6PT	United Kingdom	Richard Clarkson	+44 01484 660500		Customer	Letter / Telephone
M T M S	22 Chelsea Mansions	Northowram		Halifax	West Yorkshire	HX3 7HG	United Kingdom	Robert Clayton	+44 01422 203811	rob@mtms.orangehome.co.uk	Customer	Letter / Telephone
VTL Group	St Thomas Road			Huddersfield	West Yorkshire	HD1 3LG	United Kingdom	David Clegg	+44 01274 07789220448	david.clegg@vtl-group.com	Customer	Letter / Telephone
Ciba Speciality Chemicals Plc	Cleckheaton Road	Lowmoor		Bradford	West Yorkshire	BD12 0JZ	United Kingdom	Shelia Cockcroft	+44 01274 417000		Customer	Letter / Telephone
Ttuk	Wetherby Grange Park	Boston Road		Wetherby	West Yorkshire	LS22 5NB	United Kingdom	John Conlon	+44 01937 589828	jconlon@taegutec.co.uk	Customer	Letter / Telephone
Marshalls plc	West Lane Works	Southowram		Halifax	West Yorkshire	HX3 9RG	United Kingdom	Michael Connor	+44 01422 306433	michael.connor@marshalls.co.uk	Customer	Letter / Telephone
EVO Engineering & Design Ltd	Unit H Orchard Works	Spensvale Street		Heckmondwike	West Yorkshire	WF16 0NQ	United Kingdom	Craig Coote	+44 01924 404312	info@evoeng.co.uk	Customer	Letter / Telephone
DePuy International Ltd	St Anthonys Road	Beeston		Leeds	West Yorkshire	LS11 7DT	United Kingdom	Dexter Corbin			Customer	Letter / Telephone
C & C Hydraulics	Unit J Castlefields Estate	Trading		Bingley	West Yorkshire	BD16 2AF	United Kingdom	Ian Couch	+44 01274 561177	ian@cchdraulics.co.uk	Customer	Letter / Telephone
Huddersfield Technical College	New North Road			Huddersfield	West Yorkshire	HD1 5NN	United Kingdom	Graham Coulson	+44 01484 437026	gcoulson@huddcoll.ac.uk	Customer	Letter / Telephone
ASD Metal Services	Valley Farm Road			Leeds	West Yorkshire	LS10 1SD	United Kingdom	D G Cox	+44 0113 254 0711	dcox@asdmetservices.co.uk	Customer	Letter / Telephone
RHM Ingredients Ltd	Owl Lane			Ossett	West Yorkshire	WF5 9AX	United Kingdom	Neil Cramp	+44 01924 280444		Customer	Letter / Telephone
Gillian and Baines	Common Lane 2A Oldfield Lane		Oldfield	Knottingley	West Yorkshire	WF11 8BN	United Kingdom	D Craven	+44 01977 672322		Customer	Letter / Telephone
Ignitional Soles		Brackenbeck Road		Keighley	West Yorkshire	BD22 0HZ	United Kingdom	Michael Cross	+44 08000 350064	mikecross@ignitionsales.com	Customer	Letter / Telephone
Lindapter International	Lindsay House			Bradford	West Yorkshire	BD7 2NF	United Kingdom	D Crossley	+44 01274 521444	ncrossley@lindapter.com	Customer	Letter / Telephone
DePuy International Ltd	1 White Rose Office Park	Millshaw	Park Lane	Leeds	West Yorkshire	LS11 0BG	United Kingdom	Louise Daly	+44 0113 27274101	lkirk@dpygb.jnj.com	Customer	Letter / Telephone
CoGri Group	Dene House	North Road	Kirkburton	Huddersfield	West Yorkshire	HD8 0RW	United Kingdom	Kevin Dare	+44 01484 600080	kevin@cogrigroup.com	Customer	Letter / Telephone
Brandon Medical Ltd	Leathley Road			Leeds	West Yorkshire	LS10 4TQ	United Kingdom	Nigel Davil	+44 0113 2777393	nigel@brandon-medical.com	Customer	Letter / Telephone
Darron Tool and Engineering Ltd	Canklow Meadows Ind Est	West Bawtry Rd		Rotherham	West Yorkshire	S60 2XL	United Kingdom	Sam Davis	+44 01709 722600		Customer	Letter / Telephone
Marrose Abrasives	North Beck Mills	Becks Road		Keighley	West Yorkshire	BD21 1SD	United Kingdom	Tony Day	+44 01535 602364	tony.day@marrose.com	Customer	Letter / Telephone
Clutch and Gearbox Ltd	86 Jack Lane			Leeds	West Yorkshire	LS10 1BN	United Kingdom	Michael Deakin	+44 0113 242 6359	clutch.gearboxltd@tiscali.co.uk	Customer	Letter / Telephone
Unijig Ltd	Bowling Back Lane			Bradford	West Yorkshire	BD4 8UF	United Kingdom	Gavin Dewhirst			Customer	Letter / Telephone
Norwood Instruments Ltd	New Mill Road 379 Halifax Road	Honley		Huddersfield	West Yorkshire	HD9 6QD	United Kingdom	John Dickinson	+44 01484 661318		Customer	Letter / Telephone
Dickinson Electrical	Halifax Numerical Controls Ltd	Holmfild Works		Liversedge	West Yorkshire	WF15 8DU	United Kingdom	Neil Dickinson	+44 07989 600086	neil@dickinsons-electrical.co.uk	Customer	Letter / Telephone
Autodrain	Dixon Yards Half House Lane	Wakefield Road	Rothwell	Leeds	West Yorkshire	LS26 0SB	United Kingdom	Mike Diskin	+44 01422 360607	mike.d@hnc.ltd.uk	Customer	Letter / Telephone
Flow Technology	8 Whiteley Croft Close			Leeds	West Yorkshire	LS26 0SB	United Kingdom	Paul Dixon	+44 0113 288 0022	paul@autodrain.net	Customer	Letter / Telephone
RWD UK Ltd				Brighouse	West Yorkshire	HD6 2PH	United Kingdom	Michael	+44 01484 400880	mdownsborough@flow-technology.co.uk	Customer	Letter / Telephone
Duplas Ltd	Unit 7	Diamond Business Park	Thornes Moor Road	Otley	West Yorkshire	LS21 3NP	United Kingdom	Bob Duffersey	+44 01943 462692		Customer	Letter / Telephone
Sutcliffe Play Limited	Waggon Lane	Upton		Wakefield	West Yorkshire	WF2 8PT	United Kingdom	Michael Dugan	+44 01924 298298	sales@duplas.co.uk	Customer	Letter / Telephone
				Pontifract	West Yorkshire	WF9 1JS	United Kingdom	Sarah Duncan	+44 01977 653200		Customer	Letter / Telephone

Galpharm International Ltd	Hugh House	Upper Cliffe Road	Dodworth	Barnsley	South Yorkshire	S75 3SP	United Kingdom	John Dunford	+44 01226 779911	jdunford@galpharm.co.uk	Customer	Letter / Telephone
Reliance Precision Mechatronic	Rowley Mills	Penistone Road	Fenay Bridge	Huddersfield	West Yorkshire	HD8 0LE	United Kingdom	Alistair Durie	+44 01484 601041	rmb1@reliance.co.uk	Customer	Letter / Telephone
Aqua-Mist Fire Protection	21 Appleton Court	Calder Business Park		Wakefield	West Yorkshire	WF2 7AR	United Kingdom	Peter Duval	+44 01924 242643	pduval@aqua-mist.co.uk	Customer	Letter / Telephone
Gardner Denver Drum Ltd	Springmill St			Bradford	West Yorkshire	BD5 7YH	United Kingdom	Chris Eastham	+44 01274 718100	chris.eastham@gardnerdenver.com	Customer	Letter / Telephone
Esdale Ltd	Thomas Street	Bradford Road		Batley	West Yorkshire	WF17 8PR	United Kingdom	F Eastwod	+44 01924 478267		Customer	Letter / Telephone
Hexapath Limited	Cumbrae Quarry Hill Estate	Scotchman Lane	Morley	Leeds	West Yorkshire	LS27 0NY	United Kingdom	Frank Eastwood	+44 0113 225 3757	sales@hexapath.co.uk	Customer	Letter / Telephone
Winding Technology Ltd	Moorlands House	Horbury		Wakefield	West Yorkshire	WF4 6AJ	United Kingdom	Ann Ellam	+44 01924 265461		Customer	Letter / Telephone
Stonegate Instruments Ltd	11 Peter Laycock Estate	Midway Education Road	South Crosland	Huddersfield	West Yorkshire	HD4 7DA	United Kingdom	Marshall England	+44 01484 663389		Customer	Letter / Telephone
Taylor and Jones Ltd		Crosland Road		Leeds	West Yorkshire	LS7 2AL	United Kingdom	Shaun Evers	+44 0113 262 8280	shaun@stonegate-instruments.co.uk	Customer	Letter / Telephone
Wavin UK (Holdings) Ltd		Netherton		Huddersfield	West Yorkshire	HD4 7DQ	United Kingdom	Andrew Eyre	+44 01484 665321	reamers@taylorandjones.co.uk	Customer	Letter / Telephone
Colin Farrar Brewery Services	Hazlehead	Crow Edge		Sheffield	South Yorkshire	S36 4HG	United Kingdom	Jason Eyre	+44 01226 763561	jason.eyre@wavin.co.uk	Customer	Letter / Telephone
Cummins Turbo Technology Ltd	Unit 1 St Andrew's Road	Progress Works	Parkwood Street	Keighley	West Yorkshire	BD21 4PJ	United Kingdom	Colin Farrar	+44 01535 681839	colin@cfbs.co.uk	Customer	Letter / Telephone
Reliance Precision Limited		Penistone Road		Huddersfield	West Yorkshire	HD1 6RA	United Kingdom	David Farrell	+44 01484 01484832427	david.farrell@cummins.com	Customer	Letter / Telephone
Freedom Group Ltd	Rowley Mills	Tingley		Wakefield	West Yorkshire	WF3 1SD	United Kingdom	Robert Farrell	+44 01484 601025	rjf@reliance.co.uk	Customer	Letter / Telephone
Koso Kent Introl Ltd	Kent Introl Division	Armytage Road		Brighouse	West Yorkshire	HD6 1QF	United Kingdom	Andrew Fearn	+44 01924 887830	andrew.fearn@freedom-group.co.uk	Customer	Letter / Telephone
TWL Precision	St Thomas' Road			Huddersfield	West Yorkshire	HD1 3LG	United Kingdom	Richard Fedzin	+44 01484 710311		Customer	Letter / Telephone
Fieldhouse Industrial Services Ltd	Units 1-2 Moderna Industrial Estate	Moderna Way	Mytholmroyd	Halifax	West Yorkshire	HX7 5QQ	United Kingdom	Charles Ferry	+44 08700 841024	charles.ferry@twl-uk.com	Customer	Letter / Telephone
Kingfisher (Lubrication) Ltd	136 Meanwood Road			Leeds	West Yorkshire	LS7 2BT	United Kingdom	Kevin Fieldhouse	+44 01422 883313	kevin@fis-ltd.co.uk	Customer	Letter / Telephone
Braemar UK Ltd	Main Street	Garforth		Leeds	West Yorkshire	LS25 1AF	United Kingdom	John Fisher	+44 0113 209 8989	john.fisher@kingfisherlub.co.uk	Customer	Letter / Telephone
Meltham Mills Engineering Ltd	Meltham Mills Industrial Estate	Meltham		Holmfirth	West Yorkshire	HD9 4AR	United Kingdom	Andrew Fletcher	+44 01328 75577		Customer	Letter / Telephone
Cengar Ltd	70 Lister Lane			Halifax	West Yorkshire	HX1 5DN	United Kingdom	Peter Fletcher	+44 01484 850361	Peter.fletcher@melthammills.co.uk	Customer	Letter / Telephone
J.H. Hardy	Dunkirk Street			Halifax	West Yorkshire	HX1 3TD	United Kingdom	Roy Fletcher	+44 01422 354626	royfletcher@cengar.co.uk	Customer	Letter / Telephone
Vickers Laboratories	Grangefield Industrial Estate	Richardshaw Road		Halifax	West Yorkshire	HX1 3TD	United Kingdom	H.B Follows	+44 01422 361437		Customer	Letter / Telephone
Foxtan Dies Ltd	Paramount Works	Westgate		Pudsey	West Yorkshire	LS28 6QW	United Kingdom	Steve Foster	+44 0113 236 2811	info@viclabs.co.uk	Customer	Letter / Telephone
Sulzer Pumps UK	Manor Mill Lane			Cleckheaton	West Yorkshire	BD19 5HT	United Kingdom	Darrel Fox	+44 01274 874422		Customer	Letter / Telephone
Cummins Turbo Technology Ltd	St Andrew's Road			Leeds	West Yorkshire	LS11 8BR	United Kingdom	Mark Fozzard	+44 0113 272 4472	mark.fozzard@sulzer.com	Customer	Letter / Telephone
Stanwell Technic Ltd	Hope Bank Works	New Mill Road	Honley	Holmfirth	West Yorkshire	HD9 6PT	United Kingdom	Pierre French	+44 01484 422244		Customer	Letter / Telephone
Mackenzie Stuart plc	15-16 Park Row			Leeds	West Yorkshire	LS1 5HD	United Kingdom	Justine Frenna	+44 01484 660500	justine@stanwelltechnic.co.uk	Customer	Letter / Telephone
RJH Moressflex Ltd	Artillery Street			Leeds	West Yorkshire	LS1 5HD	United Kingdom	John Gallagher	+44 0113 202 1608		Customer	Letter / Telephone
West Yorkshire Erodors Ltd	Octagon House	Sandbeds	Bradford Road	Keighley	West Yorkshire	BD20 5LY	United Kingdom	John Gathercole	+44 01924 402490	r.marshel@rjheng.co.uk	Customer	Letter / Telephone
VTL Automotive	Calderside Works			Halifax	West Yorkshire	HX2 6EL	United Kingdom	Martin Gaunt	+44 01272 563888	martin@wyeroders.co.uk	Customer	Letter / Telephone
							United Kingdom	Steve Gibson			Customer	Letter / Telephone

Ernest Gill & Son	Hope Street			Halifax	West Yorkshire	HX1 5DW	United Kingdom	Simon Gill	+44 01422 330037	simon.gill@ernestgill.co.uk	Customer	Letter / Telephone
Allsops Ltd	Hope Bank Works	Honley		Holmfirth	West Yorkshire	HD9 6QG	United Kingdom	Paul Goodwin	+44 01484 661447	paulgoodwin@allsops.co.uk	Customer	Letter / Telephone
Hydraulic System Products Ltd	Monckton Road	Industrial Estate		Wakefield	West Yorkshire	WF2 7AL	United Kingdom	Gerald Gosnay	+44 01924 364748	gerald@h-s-p.co.uk	Customer	Letter / Telephone
Dean Smith & Grace Ltd	PO Box 15	Pitt Street		Keighley	West Yorkshire	BD21 4PG	United Kingdom	Nigel Grainger	+44 01535 605261	nigel.grainger@dean-smithandgrace.co.uk	Customer	Letter / Telephone
Heights UK Ltd	Wainstalls Units 1-2			Halifax	West Yorkshire	HX2 7TJ	United Kingdom	Mark Grant			Customer	Letter / Telephone
Guard-Tech Industrial Services Ltd	Industrial Estate	Moderna Way	Mytholmroyd	Halifax	West Yorkshire	HX7 5QQ	United Kingdom	Scott Gravenor	+44 01422 881881	sales@guard-tech.co.uk	Customer	Letter / Telephone
Rotork Gears Ltd	Regina House Unit 5 Shaw Park	Ring Road	Bramley	Leeds	West Yorkshire	LS13 4ET	United Kingdom	Neil Grimshaw	+44 0113 2057205	ngrimshaw@rotorkgears.co.uk	Customer	Letter / Telephone
C T Systems UK Ltd	Galpharm	Silver Street		Huddersfield	West Yorkshire	HD5 9AE	United Kingdom	Chris Haigh	+44 01484 454229	haigh@ctsystemsuk.com	Customer	Letter / Telephone
International Ltd	Hugh House	Upper Cliffe Road	Dodworth	Barnsley	Yorkshire	S75 3SP	United Kingdom	Chris Haigh	+44 01226 779911	c.haigh@galpharm.co.uk	Customer	Letter / Telephone
Coote and Hall Engineers Ltd	Orchard Works	Spenn Vale Street		Heckmondwike	West Yorkshire	WF16 0NQ	United Kingdom	Darren Hall	+44 01924 403758		Customer	Letter / Telephone
Galloway Acoustics Ltd	Low Mill Lane	Ravensthorpe		Dewsbury	West Yorkshire	WF13 3LN	United Kingdom	Gary Hall	+44 01924 498818	ghall@gallowaygroup.co.uk	Customer	Letter / Telephone
Textron Power Transmissions Ltd	Park Gear Works	Lockwood		Huddersfield	West Yorkshire	HD4 5DD	United Kingdom	Matthew Hall	+44 01484 465542	mhall@davidbrown.textron.com	Customer	Letter / Telephone
Hiico Industrial Europe	Westone	Wellington Street		Leeds	West Yorkshire	LS1 1BA	United Kingdom	Simon Halsey	+44 08453 130181	shalsey@hiicoeurope.com	Customer	Letter / Telephone
DePuy International Ltd	St Anthonys Road	Beeston		Leeds	West Yorkshire	LS11 7DT	United Kingdom	Cath Hardaker			Customer	Letter / Telephone
Microform Precision Engineering	3A Park Mill Way	Clayton West		Huddersfield	West Yorkshire	HD8 9XJ	United Kingdom	John Harrison	+44 01484 866606	info@microform-eng.co.uk	Customer	Letter / Telephone
Waldmann Lighting	Holme Well Road			Leeds	West Yorkshire	LS10 4TQ	United Kingdom	Rodger Henderson	+44 0113 275 5662	rodger@waldmannlighting.co.uk	Customer	Letter / Telephone
Allsops Ltd	Hope Bank Works	New Mill Road	Honley	Holmfirth	West Yorkshire	HD9 6QG	United Kingdom	Tony Hepworth	+44 01484 661447		Customer	Letter / Telephone
Equi-trek Ltd	Unit BL2 Bentley Industrial Estate	Bentley Road		Meltham	West Yorkshire	HD9 4AP	United Kingdom	Colin Herapath	+44 01484 852121	info@equi-trek.com	Customer	Letter / Telephone
Keighley Laboratories Group Ltd	Croft House 517 Leeds Road	South Street		Keighley	West Yorkshire	BD21 1EG	United Kingdom	Peter Hewitt	+44 01535 664211	info@keighleylabs.co.uk	Customer	Letter / Telephone
Hoyer UK Ltd				Huddersfield	West Yorkshire	HD2 1YJ	United Kingdom	John Heywood	+44 01484 447292		Customer	Letter / Telephone
Walter Frank & Sons Ltd	PO Box 16	Hightown Road		Cleckheaton	West Yorkshire	BD19 5JT	United Kingdom	Stuart Higham	+44 01274 873366	alanbennett@walterfrank.co.uk	Customer	Letter / Telephone
Hargreaves Foundry Drainage Ltd	Water Lane	South Parade		Halifax	West Yorkshire	HX3 9HG	United Kingdom	Michael Hinchliffe	+44 01422 330607	mjh@hargreavesdrainage.co.uk	Customer	Letter / Telephone
Asquith Butler Ltd	Spring Vale Ind. Est.	Elland Road	Brookfoot	Brighouse	West Yorkshire	HD6 2RA	United Kingdom	Paul Hinchliffe	+44 01484 726620	phinchliffe@asquithbutler.com	Customer	Letter / Telephone
Hindle Group	Caledonia Street			Bradford	West Yorkshire	BD5 0EL	United Kingdom	Richard Hindle	+44 01274 740237		Customer	Letter / Telephone
Softsols Group	Matrix House	Bradford Road	Wrenthorpe	Wakefield	West Yorkshire	WF2 0QH	United Kingdom	David Hipkin	+44 01924 200344	david.hipkin@softsolsgroup.com	Customer	Letter / Telephone
HB Bearing Servaclean Bar Systems	Newtown	Honley		Holmfirth	West Yorkshire	HD9 6PQ	United Kingdom	Graham Hirst	+44 01484 665116	ghirst@hb-bearings.com	Customer	Letter / Telephone
HB Precision Engineers Limited	Gower Street			Bradford	West Yorkshire	BD5 7JF	United Kingdom	Mark Hirst	+44 01274 390038	mark.hirst@servaclean.co.uk	Customer	Letter / Telephone
Hirstle Fabrications Ltd	Riverside Works	Newtown	Honley	Huddersfield	West Yorkshire	HD7 2PQ	United Kingdom	Norman Hirst	+44 01484 665116		Customer	Letter / Telephone
Pennine Industrial Equipment Ltd	North Moor Farm	North Moor Lane	Kirkheaton	Huddersfield	West Yorkshire	HD5 0PZ	United Kingdom	Steven Hirstle	+44 01924 493643	barbara.dyson@npbs.co.uk	Customer	Letter / Telephone
Halco Drilling Int	Moor Croft House	Commercial Road	Skelmanthorpe	Huddersfield	West Yorkshire	HD8 9DT	United Kingdom	Graham Hobbs	+44 01484 864733	sales@pennine.org	Customer	Letter / Telephone
A & M Metal Services Ltd	PO Box 25 Unit 11 Mallard Ind Park	West Lane		Southowram	West Yorkshire	HX3 9TW	United Kingdom	Don Hodgson	+44 01422 399900		Customer	Letter / Telephone
		Horbury Junction	Horbury	Wakefield	West Yorkshire	WF4 5QH	United Kingdom	Martin Hodgson	+44 01924 266333	martin@ammetservices.plus.com	Customer	Letter / Telephone

Cameron UK Ltd	Queen Street Leeds Stw Leeds	Stourton		Leeds	West Yorkshire	LS10 1SB	United Kingdom	Dave Holberry	+44 0113 276 4387		Customer	Letter / Telephone
McAlpine D G Holmes Engineering Ltd	Knostrop House Commerce Court	Knowsthorpe Lane		Leeds	West Yorkshire	LS9 0PJ	United Kingdom	Chris Holden	+44 07824 373404	chris.holden@alfred mcalpineplc.com	Customer	Letter / Telephone
		Challenge Way Normanton Industrial Estate		Bradford	West Yorkshire	BD4 8NW	United Kingdom	David Holmes	+44 01274 668267		Customer	Letter / Telephone
Sew-Eurodrive Ltd	Beckbridge Road Moor Park Business Centre	Industrial Estate		Normanton	West Yorkshire	WF6 1QR	United Kingdom	Mark Holmes	+44 01924 893955	tim.wills@sew- eurodrive.co.uk	Customer	Letter / Telephone
Stelram Engineering Ltd	Old Popplewell Lane	Moor Road		Wakefield	West Yorkshire	WF2 8NZ	United Kingdom	Jack Holt	+44 01924 339111	jack.holt@stelram.co .uk	Customer	Letter / Telephone
Cold Drawn Products Ltd		Scholes		Cleckheaton	West Yorkshire	BD19 6DW	United Kingdom	Philip Hopkins	+44 01274 697697	philip.hopkins@cdpl t.d.co.uk	Customer	Letter / Telephone
William Cook Cast Products	Cross Green C/O Sulzer Pumps U K	Manor Mill Lane		Leeds	West Yorkshire	LS9 0SG	United Kingdom	Steve Horsfall	+44 0113 2496363		Customer	Letter / Telephone
S K S Engineering Ltd	Unit 5 Newing Mills	Field Lane		Leeds	West Yorkshire	LS11 8BR	United Kingdom	Peter Howarth	+44 0113 272 4585	phowarth@sks- engineering.com	Customer	Letter / Telephone
Merritmill Ltd				Batley	West Yorkshire	WF17 5AE	United Kingdom	Stephen Hubbard	+44 01924 477778		Customer	Letter / Telephone
Foster Hudson Ltd	Monckton Road A3 Wyther Drive	Industrial Estate		Wakefield	West Yorkshire	WF2 7AL	United Kingdom	Ken Hudson	+44 01924 369901		Customer	Letter / Telephone
EBH Web Limited	8 Chestnut Avenue	Wyther Park Industrial Estate		Leeds	West Yorkshire	LS5 3AP	United Kingdom	Becky Hyland	+44 04594550473	becky@wedoo.ord.u k	Customer	Letter / Telephone
Smar Technology Ltd	Spenn Valley Industrial Park	Walton		Wakefield	West Yorkshire	WF2 6TE	United Kingdom	Chris Idle	+44 01924 242600	chris@smar- tech.co.uk	Customer	Letter / Telephone
Batorer Ltd	Rastrick Common Works	Rawfolds Way Bradford Road	Cleckheaton	Cleckheaton	West Yorkshire	BD19 5LJ	United Kingdom	Simon Irving	+44 01274 851414	simonirving@batorer. co.uk	Customer	Letter / Telephone
A Jackson & Co Ltd		Rastrick Common Gildersome Cross		Brighouse	West Yorkshire	HD6 3DR	United Kingdom	Andrew Jackson	+44 01484 713345	aj@ajack.co.uk	Customer	Letter / Telephone
Pennine Iws Ltd	Unit 3 Units 1-2 Moderna Industrial Estate		Geldered Road	Leeds	West Yorkshire	LS27 7BF	United Kingdom	Chris Jackson	+44 0113 238 0898	chris.jackson@boc.c om	Customer	Letter / Telephone
Crescent Machinery Ltd		Moderna Way	Mytholmroyd	Halifax	West Yorkshire	HX7 5QQ	United Kingdom	Stephen Jackson	+44 01422 884888	infor@crescentmachin ery.com	Customer	Letter / Telephone
Whiteley Sheet Metalwork Ltd	Boy Lane Unit BL2 Bentley Industrial Estate	Wheatley		Halifax	West Yorkshire	HX3 5AF	United Kingdom	Mick James	+44 01422 330194	mjames@boxford.co. uk	Customer	Letter / Telephone
Equi-trek Ltd	Unit BL2 Bentley Industrial Estate	Bentley Road		Meltham	West Yorkshire	HD9 4AP	United Kingdom	Raymond Janion	+44 01484 852121	info@equi-trek.com	Customer	Letter / Telephone
Equi-trek Ltd		Bentley Road		Meltham	West Yorkshire	HD9 4AP	United Kingdom	Tom Janion	+44 01484 852121	info@equi-trek.com	Customer	Letter / Telephone
Bestquip-5-Ltd Richard Alan Engineering Country Park Foods Ltd	Nursery School Churwell Vale New Hey Road	Bingley Street Shaw Cross Business Park		Bradford	West Yorkshire	BD8 9AH	United Kingdom	Waseem Jelani Edward Jennings	+44 01274 491854 +44 01924 467040	waseemj@lani.aol.co m edwardjennings@ric hardalan.co.uk	Customer	Letter / Telephone
Craftsman Tools Ltd	Side Copse Shaw Cross Business Park Workhouse Lane	Pool Road		Otley	West Yorkshire	LS21 1JE	United Kingdom	Robert Johnson	+44 01943 466788	r.johnson@craftsman tools.com	Customer	Letter / Telephone
Richard Alan Group	Headlands Road	Owl Lane		Dewsbury	West Yorkshire	WF12 7RD	United Kingdom	Robert Johnson	+44 01924 467040	robertjohnson@ragro up.co.uk	Customer	Letter / Telephone
DJ Machinery		Greetland		Halifax	West Yorkshire	HX4 8BS	United Kingdom	D Jones		davidjonesmachinery @hotmail.co.uk	Customer	Letter / Telephone
Birkbys Plastics Ltd The Jones Tool Co Ltd	198 Barnsley Road 32 Leeds Old Road	Denby Dale		Liversedge	West Yorkshire	WF15 6QA	United Kingdom	Theona Jones	+44 01924 414200	enquiries@jonestool coltd.com	Customer	Letter / Telephone
Bowers Metrology Ltd				Huddersfield	West Yorkshire	HD8 8TS	United Kingdom	Tim Jones	+44 01484 860333		Customer	Letter / Telephone
				Bradford	West Yorkshire	BD3 8HU	United Kingdom	Graham Keefe	+44 01274 223456	sales@bowersmetrol ogy.com	Customer	Letter / Telephone
ITW Rocol	Rocol House	Wakefield Road Swillington		Leeds	West Yorkshire	LS26 8BS	United Kingdom	Brendan Kendrick	+44 0113 232 2600	brendan.kendrick@r ocol.co.uk	Customer	Letter / Telephone

Cummins Turbo Technology Ltd	St Andrew's Road			Huddersfield	West Yorkshire	HD1 6RA	United Kingdom	Mandy Kennedy	+44 01484 422244		Customer	Letter / Telephone
Ardor Engineering Ltd	Pine Street Unit 2 Brook Forge			Huddersfield	West Yorkshire	HD1 1SS	United Kingdom	Michael Kilbride	+44 01484 548477	michael.kilbride@ardoreng.co.uk	Customer	Letter / Telephone
C J Machinery Viamed Electromechanical Equipment	Hightown Road			Cleckheaton	West Yorkshire	BD19 5JS	United Kingdom	Chris Lahy	+44 01274 869777	sales@cjmachinery.co.uk	Customer	Letter / Telephone
Truckfix Ltd	Highfield Works	Bradford Road		Cleckheaton	West Yorkshire	BD19 3TN	United Kingdom	John Lamb	+44 01535 634542	info@viamed.co.uk	Customer	Letter / Telephone
A & A Lampkin Ltd	Greengates			Silsden	West Yorkshire	BD20 9LA	United Kingdom	Bob Lambert	+44 01274 877322		Customer	Letter / Telephone
Foster Hudson Ltd	Monkton Rd Ind Est			Wakefield	West Yorkshire	WF2 7AL	United Kingdom	Steve Lampkin	+44 01535 652328	dave@aalampkin.co.uk	Customer	Letter / Telephone
Lawton Electrical Ltd	Knowl Lane	Meltham Parkwood Street		Huddersfield	West Yorkshire	HD9 4DS	United Kingdom	Paul Langworth	+44 01924 369901	paul@fosterhudson.co.uk	Customer	Letter / Telephone
Yorkshire Precision Engineering Specialist Tooling Technologies	Parkside Works Unit 17 Sterling Industrial Pa			Keighley	West Yorkshire	BD21 4PJ	United Kingdom	Michael Laybourne	+44 01535 604246	info@ypel.co.uk	Customer	Letter / Telephone
S.E.D. Ltd	Riverholme Works	Glasshoughton Huddersfield Rd		Castleford	West Yorkshire	WF10 4PS	United Kingdom	Peter Lee	+44 01977 511799	pete@spectooling.com	Customer	Letter / Telephone
S.E.D. Ltd				Holmfirth	West Yorkshire	HD9 3TN	United Kingdom	David Lees	+44 01484 681115	david.lees@sicame.co.uk	Customer	Letter / Telephone
Nicholls Fabrications Limited	Newhold Industrial Estate	Aberford Road	Garforth	Leeds	West Yorkshire	LS25 2LD	United Kingdom	John Lehan	+44 0113 232 0847	steve@nichollsfabrications.co.uk	Customer	Letter / Telephone
BBN Fastnet	Kimberley House	1020 Leeds Road		Bradford	West Yorkshire	BD3 8ET	United Kingdom	Michael Lerman	+44 01274 662222		Customer	Letter / Telephone
Cameron UK Ltd	Queen Street	Stourton		Leeds	West Yorkshire	LS10 1SB	United Kingdom	Nicola Lindley	+44 0113 276 4387	neilh@bbn.co.uk	Customer	Letter / Telephone
Carnaud Metalbox Engineering	Dockfield Road			Shipley	West Yorkshire	BD17 7AY	United Kingdom	Nicola Lindley	+44 0113 276 4387	nicola.lindley@c-am.com	Customer	Letter / Telephone
600 Lathes	PO Box 20			Heckmondwike	West Yorkshire	WF16 0HN	United Kingdom	Wez Little	+44 07801 208393	wez.little@eur.crown-cork.com	Customer	Letter / Telephone
Cameron UK Ltd	Queen Street	Stourton		Leeds	West Yorkshire	LS10 1SB	United Kingdom	J Liverton	+44 0113 276 4387		Customer	Letter / Telephone
Engineering Plastic Supplies	10 Hayleys Yard	Bramley		Leeds	West Yorkshire	LS13 3LA	United Kingdom	Robert Lopez	+44 0113 255 5066	a.lumb@plasticeng.co.uk	Customer	Letter / Telephone
Field Packaging GAC Engineering Group Ltd	Hollingworth Lane	Lidget Green		Bradford	West Yorkshire	BD7 2RQ	United Kingdom	Andrew Lumb	+44 01274 423267	martin.lupton@fieldgroup.com	Customer	Letter / Telephone
Leeds College of Technology	New Works	Burnley Road		Sowerby Bridge	West Yorkshire	HX6 2TF	United Kingdom	Martin Lupton	+44 01274 423267		Customer	Letter / Telephone
	Westland Road			Leeds	West Yorkshire	LS11 5SB	United Kingdom	Terry Mackrill	+44 0113 297 9400		Customer	Letter / Telephone
Esdale Ltd	Valley Works	32 Union Street		Heckmondwike	West Yorkshire	WF16 0HH	United Kingdom	Ronnie Magee	+44 0113 297 9400	r.magee@lct.ac.uk	Customer	Letter / Telephone
Heywood Metal Finishers Ltd	Field Mills	Red Doles Lane	Leeds Road	Huddersfield	West Yorkshire	HD2 1YG	United Kingdom	Richard Magson	+44 01924 401921	richard.magson@esdaletooling.com	Customer	Letter / Telephone
M B Contract Manufacturing Ltd	Walton Street	Sowerby Bridge		Halifax	West Yorkshire	HX6 1AW	United Kingdom	Richard Marsh	+44 01484 533142	richard.marsh@hmtltd.co.uk	Customer	Letter / Telephone
	Lion House							Matthew Marshall	+44 01422 831548		Customer	Letter / Telephone
Hedley Hydraulics Ltd	Ind Estate	Durkar Lane	Criggleshstone	Wakefield	West Yorkshire	WF4 3HY	United Kingdom	John Massey	+44 01924 259999	jmassey@hedley-hyd.com	Customer	Letter / Telephone
B B Fabrications	Coronation Works	Foundry Street North		Halifax	West Yorkshire	HX3 6RE	United Kingdom	John Massey	+44 01422 343513		Customer	Letter / Telephone
Advanced Integrated Systems Ltd	Unit 1A	Spa Fields Industrial Estate	Slaithwaite	Huddersfield	West Yorkshire	HD7 5BB	United Kingdom	Paul McCabe	+44 01484 844433	smccay@advancedintegratedsystems.co.uk	Customer	Letter / Telephone
PestWest Electronics Ltd	Wakefield Road			Ossett	West Yorkshire	WF5 9AJ	United Kingdom	Steven McCay	+44 01924 268456	neil.mcgowan@pestwest.com	Customer	Letter / Telephone
Wilbest Engineering	Oakes Mills West	New Hey Rd	Lindley	Huddersfield	West Yorkshire	HD3 4BY	United Kingdom	Neil McGowan	+44 01484 644234	info@wilbestengineering.co.uk	Customer	Letter / Telephone
K Profiles	Unit 5 Astoria Court	Astoria Court	Tom Dando Close	Normanton	West Yorkshire	WF6 1TP	United Kingdom	Colin McGregor	+44 01924 898217	steven@kprofiles.com	Customer	Letter / Telephone
Halifax Wireform Co	Calder Mill			Hebden Bridge	West Yorkshire	HX7 6LJ	United Kingdom	Kevin McKay	+44 01924 898217		Customer	Letter / Telephone
Airlift Technology	Bradford Chamber							Andy Mckerlie			Customer	Letter / Telephone
	Business Park	New Lane	Listerdyke	Bradford	West Yorkshire	BD4 8BX	United Kingdom	Tom McNiven	+44 01274 660018	tom.mcniven@airliftandtilt.com	Customer	Letter / Telephone

Freedom Group Ltd	111 Bradford Road	Tingley		Wakefield	West Yorkshire	WF3 1SD	United Kingdom	James Mennell		Customer	Letter / Telephone
Ejot Ltd	Hurricane Close	Sherburn	Sherburn In Elmet	Leeds	West Yorkshire	LS25 6PB	United Kingdom	+44 01977 687040	c.middleton@ejot.co.uk	Customer	Letter / Telephone
Sicame Electrical Developments	Riverholme Works	Huddersfield		Holmfirth	West Yorkshire	HD9 3TN	United Kingdom	+44 01484 681115	info@sicame.co.uk	Customer	Letter / Telephone
Weir Valves and Controls Ltd	Britannia House	Huddersfield		Eiland	West Yorkshire	HX5 9JR	United Kingdom	+44 01422 282258	jmills@weirvalve.com	Customer	Letter / Telephone
Romero Insurance Brokers Ltd	Troy Grange	Troy Road	Horsforth	Leeds	West Yorkshire	LS18 5NQ	United Kingdom	+44 0113 281 8110	karl.milner@romeroinsurance.co.uk	Customer	Letter / Telephone
RJH Morrisflex Ltd	Artillery Street			Heckmondwike	West Yorkshire	WF16 0NR	United Kingdom	+44 01924 402490	gminton@rjheng.co.uk	Customer	Letter / Telephone
Caterform Stainless Steel Fabrications	Airedale House	Victoria Road	Eccleshill	Bradford	West Yorkshire	BD2 2BN	United Kingdom	+44 01274 626751	bas.miran@airedale-group.co.uk	Customer	Letter / Telephone
Cutting Tool Solutions Ltd	Unit 5	Business Park	Valley Road	Liversedge	West Yorkshire	WF15 6JY	United Kingdom	+44 08707 512833	cuttingtools@btconnect.com	Customer	Letter / Telephone
Commercial Nameplate Mfg Company	Butt End Mills	Chadwick Lane		Mirfield	West Yorkshire	WF14 8PW	United Kingdom	+44 01924 498652	sales@commercialnameplates.co.uk	Customer	Letter / Telephone
Dathan Tool and Gauge Co Ltd	Mean Lane	Meltham		Huddersfield	West Yorkshire	HD9 3RU	United Kingdom	+44 01484 851207	sales@dathan.co.uk	Customer	Letter / Telephone
Dathan Tool & Gauge Company Ltd	Mean Lane	Meltham		Huddersfield	West Yorkshire	HD9 5RU	United Kingdom	+44 01484 851207	sales@dathan.co.uk	Customer	Letter / Telephone
Surgical Innovations Group plc	Clayton Wood House	6 Clayton Wood Bank		Leeds	West Yorkshire	LS16 6RF	United Kingdom	+44 0113 2307597		Customer	Letter / Telephone
SME3	1 Grange Lane	Flockton		Wakefield	West Yorkshire	WF4 4BA	United Kingdom	+44 01924 848871	deanmorgan@sme3.co.uk	Customer	Letter / Telephone
S2S Electronics Ltd	Turnbridge Mills	Quay Street		Huddersfield	West Yorkshire	HD1 6QX	United Kingdom	+44 01484 530893		Customer	Letter / Telephone
Galpharm International Ltd	Hugh House	Upper Cliffe Road	Dodworth	Barnsley	Yorkshire	S75 3SP	United Kingdom	+44 01226 779911		Customer	Letter / Telephone
NTR Ltd	Unit 372A	Thorp Arch Estate		Wetherby	West Yorkshire	LS23 7BJ	United Kingdom	+44 01937 840546	craignaylor@ntrltd.co.uk	Customer	Letter / Telephone
Bedfordzoe UK Gh Ltd	79 Normanton Place			Leeds	West Yorkshire	LS11 8LE	United Kingdom	+44 07904 691074	psycotempo@yahoo.co.uk	Customer	Letter / Telephone
Moorland Toolmaking Co Ltd	Lady Ann Road	Soothill		Batley	West Yorkshire	WF17 0PY	United Kingdom	+44 01924 470666	m.newby@moorlandtools.com	Customer	Letter / Telephone
Barrett Steel Buildings Ltd	Barrett Court	Cutler Heights Lane		Bradford	West Yorkshire	BD4 9HZ	United Kingdom	+44 01274 266845	richard.nicholls@barrettonline.co.uk	Customer	Letter / Telephone
Mayr Transmissions Ltd	Valley Road			Keighley	West Yorkshire	BD21 4LZ	United Kingdom	+44 01535 663900	andrew.nicoll@mayr.co.uk	Customer	Letter / Telephone
Denley Hydraulics Ltd	Spen Vale Street			Heckmondwike	West Yorkshire	WF160NQ	United Kingdom	+44 01924 413400	jon.n@denleyhydraulics.co.uk	Customer	Letter / Telephone
Kelland Precision Tooling	Quebec Street			Eiland	West Yorkshire	HX5 9BX	United Kingdom	+44 01422 370715	alannoon@kellandtools.co.uk	Customer	Letter / Telephone
Cameron UK Ltd	Queen Street	Stourton		Leeds	West Yorkshire	LS10 1SB	United Kingdom	+44 0113 270 1144		Customer	Letter / Telephone
MN Group	Dale House	Ling Lane	Scarcroft	Leeds	West Yorkshire	LS14 3HX	United Kingdom	+44 07825 846577	sham@notay.co.uk	Customer	Letter / Telephone
DePuy Int Ltd	St Anthonys Road	Beeston		Leeds	West Yorkshire	LS11 8DT	United Kingdom	+44 0113 270 0461		Customer	Letter / Telephone
Pratt Burnerd Int Ltd	Park Works	Lister Lane		Halifax	West Yorkshire	HX1 5JH	United Kingdom	+44 01422 366371		Customer	Letter / Telephone
S & O Fabrications Ltd	Unit 12 Brook Foot Business Park			Brighouse	West Yorkshire	HD6 2SD	United Kingdom	+44 01484 711300	enquiries@sandofabrications.co.uk	Customer	Letter / Telephone
W S Westin Ltd	Phoenix Mills	Leeds Road		Huddersfield	West Yorkshire	HD1 6NG	United Kingdom	+44 01484 432420		Customer	Letter / Telephone
Rounding Fabrications Limited	Unit 1 Cross Pipes Road	Alverthorpe		Wakefield	West Yorkshire	WF2 0BG	United Kingdom	+44 01924 368253	roundingfabs@tiscali.co.uk	Customer	Letter / Telephone
Yorkshire Laser & Fabrications	Phillips Street			Castleford	West Yorkshire	WF10 1NR	United Kingdom	+44 01977 553120	garnett@yorkshirerelaser.co.uk	Customer	Letter / Telephone
Cinetic Landis Ltd	Cross Hills			Keighley	West Yorkshire	BD20 7SD	United Kingdom	+44 01535 639521	dormston@cineticlandis.co.uk	Customer	Letter / Telephone
Countersales UK Ltd	High Mill Business Park	Mill Street	Morley	Leeds	West Yorkshire	LS27 OWJ	United Kingdom	+44 0113 289 7147	countersales@supanet.com	Customer	Letter / Telephone
Europower Group Ltd	1B Seacroft Ind Estate	Coal Road		Leeds	West Yorkshire	LS14 2AQ	United Kingdom	+44 0113 368 7523	mparkin@europower-hyds.com	Customer	Letter / Telephone

Airedale Springs Ltd	Ebor Lane	Haworth		Keighley	West Yorkshire	BD22 8HT	United Kingdom	Sean Parkinson	+44 01535 643456	sales@airedalesprings.co.uk	Customer	Letter / Telephone
Switchgear & Instrumentation Ltd	Ripley Road			Bradford	West Yorkshire	BD4 7EH	United Kingdom	Tony Parnaby	+44 01274 734221	tony.parnaby@switchgear.co.uk	Customer	Letter / Telephone
Fell Promotions Limited	537 New Hey Road	Mount		Huddersfield	West Yorkshire	HD3 3XN	United Kingdom	Michael Peckett	+44 01484 359657	sales@fellpromotion.co.uk	Customer	Letter / Telephone
Fell Promotions Limited	537 New Hey Road	Mount		Huddersfield	West Yorkshire	HD3 3XN	United Kingdom	Sarah Peckett	+44 01484 359657	sales@fellpromotion.com	Customer	Letter / Telephone
Ramco Cnc Ltd	Shaw Cross Business Park	Owl Lane		Dewsbury	West Yorkshire	WF12 7RD	United Kingdom	Kevin Perree	+44 01924 467040	kevinperree@ramco-cnc.com	Customer	Letter / Telephone
Perrott Engineering Group Ltd	Woodroyde 1 Cliffe Park Way	Sutcliffe Wood Lane		Halifax	West Yorkshire	HX3 8PS	United Kingdom	Graham Perrott	+44 01422 202575	graham@perrottengineering.co.uk	Customer	Letter / Telephone
Haden Young Ltd		Morley		Leeds	West Yorkshire	LS27 0RY	United Kingdom	Allan Phipps	+44 0113 393 6400	allan.phipps@hadenyoung.co.uk	Customer	Letter / Telephone
Heights UK Ltd	Wainstalls Wharnccliffe Works			Halifax	West Yorkshire	HX2 7TJ	United Kingdom	Girish Pillutla			Customer	Letter / Telephone
Presspahnlimited		Harrogate Road		Bradford	West Yorkshire	BD2 3TB	United Kingdom	Malcolm Pinder	+44 01274 636333	malcolm@presspahn.com	Customer	Letter / Telephone
Andel Ltd	New Mills	Brougham Road	Marsden	Huddersfield	West Yorkshire	HD7 6AZ	United Kingdom	Ian Pogson	+44 01484 845000		Customer	Letter / Telephone
Mansfield Pollard	Edward House 136 Sunbridge Road	Parry Lane		Bradford	West Yorkshire	BD4 8TL	United Kingdom	Alan Pollard	+44 01274 774050	apollard@manpo.co.uk	Customer	Letter / Telephone
Impressions Prescott Machine Services Ltd	Balne Mills	Silcoates Street		Wakefield	West Yorkshire	WF2 0DX	United Kingdom	Martin Prescott	+44 01924 231411	martin@prescottmachineservices.co.uk	Customer	Letter / Telephone
Development Engineering Services	Ilkley Road PO Box 30	Cartwright Street		Otley	West Yorkshire	LS21 3JP	United Kingdom	Michael Pringle	+44 01943 467916	michael@des.co.uk	Customer	Letter / Telephone
Birkett Cutmaster Ltd	Bradford Road			Cleckheaton	West Yorkshire	BD19 5LY	United Kingdom	Bryn Pritchard	+44 01274 870311	bryn.pritchard@carclo-plc.com	Customer	Letter / Telephone
Cooper Cameron UK Ltd	Queen Street	Stourton		Leeds	West Yorkshire	LS10 1SB	United Kingdom	Richard Quayle	+44 0113 270 1144		Customer	Letter / Telephone
Chem Resist Group Ltd	Britannia House	Lock Way	Ravensthorpe Industrial Estate	Dewsbury	West Yorkshire	WF13 3SX	United Kingdom	Seamus Quinn	+44 01924 499466	s.quinn@chemresist.com	Customer	Letter / Telephone
Olympus Technologies Ltd	Melbourne Wotks	8 Firth Street		Huddersfield	West Yorkshire	HD1 3BA	United Kingdom	Paul Rand	+44 01484 514513	paul.rand@olympustechnologies.co.uk	Customer	Letter / Telephone
Precision Engineering	Boy Lane	Wheatley Spen Valley Industrial Estate		Halifax	West Yorkshire	HX3 5AF	United Kingdom	Stephen Randerson	+44 01422 358311	bpe@boxford.co.uk	Customer	Letter / Telephone
Batorer Ltd	Raw Folds Way		Bradford Road	Cleckheaton	West Yorkshire	BD19 5LJ	United Kingdom	Tony Redfern	+44 01274 851414		Customer	Letter / Telephone
W S Westin Ltd	Phoenix Works	Leeds Road		Huddersfield	West Yorkshire	HD1 6NG	United Kingdom	John Reed	+44 01484 421585	john.reed@westin.co.uk	Customer	Letter / Telephone
Stanwell Technic Ltd	Hope Bank Works	New Mill Road	Honley	Holmfirth	West Yorkshire	HD9 6PT	United Kingdom	Mark Reeves	+44 01484 660500		Customer	Letter / Telephone
J.R.M.E.	Unit 15	All Saints Ind. Est	Baghill Lane	Pontefract	West Yorkshire	WF8 2ST	United Kingdom	John Rex	+44 01977 699669	john.rex@tinyworld.co.uk	Customer	Letter / Telephone
Joseph Rhodes Richards Engineering (Leeds)	Bele View 10 Wortley Moor Lane			Wakefield	West Yorkshire	WF1 5EQ	United Kingdom	Barry Richardson	+44 01924 371161	barry.richardson@grourhodes.co.uk	Customer	Letter / Telephone
				Leeds	West Yorkshire	LS10 4HX	United Kingdom	James Richardson	+44 0113 231 9224	alan@richardseng.co.uk	Customer	Letter / Telephone
Cougar Automation	Park Mill Way	Clayton West		Huddersfield	West Yorkshire	HD8 9XJ	United Kingdom	Shaun Richardson	+44 0870 8617777	shaunr@cougar-automation.com	Customer	Letter / Telephone
Water Jet Cutting Moor Park Engineering	Havelock Street			Dewsbury	West Yorkshire	WF13 3LU	United Kingdom	Chris Richmond	+44 01924 480011	chris@geegraphite.com	Customer	Letter / Telephone
	Unit 9 Moor Park Business Park			Wakefield	West Yorkshire	WF2 8NZ	United Kingdom	Lee Ridge	+44 01924 360955	steve@moor-park.co.uk	Customer	Letter / Telephone
Produmax Ltd	The Tannery	Station Rd		Otley	West Yorkshire	LS21 3HX	United Kingdom	Jeremy Ridyard	+44 01943 461713	jeremyr@produmax.co.uk	Customer	Letter / Telephone
B & R Site Services	No1 Club	Green Lane		Featherstone	West Yorkshire	WF76EH	United Kingdom	Edward Roberts	+44 07825 057202	groberts@600lathes.co.uk	Customer	Letter / Telephone
J Roberts Bronze Components Ltd	St. Pegs Lane			Cleckheaton	West Yorkshire	BD19 3SL	United Kingdom	Mark Roberts	+44 01274 874631	sales@roberts.co.uk	Customer	Letter / Telephone
Metalco Limited	Holmfield Ind Estate	Holmfield		Halifax	West Yorkshire	HX2 9TN	United Kingdom	Andrew Robertshaw	+44 01422 231540	andy@tmc-yorks.co.uk	Customer	Letter / Telephone
Bank Bottom Engineering	Marsh Gardens	Honley		Holmfirth	West Yorkshire	HD9 6AP	United Kingdom	David Robins	+44 01484 661095	dave@bankbottom.co.uk	Customer	Letter / Telephone

Helix Tool Co	Unit 7	United Business Park		Leeds	West Yorkshire	LS12 6UB	United Kingdom	Charles Robinson		Customer	Letter / Telephone	
Saftronics Ltd	Pearson Street			Leeds	West Yorkshire	LS10 1BQ	United Kingdom	Ian Robinson	+44 0113 2457170	ian.robinson@saftronics.co.uk	Customer	Letter / Telephone
Gleve Eng Ltd	Unit 3	Lee Mills	Scholes	Holmfirth	West Yorkshire	HD9 1RT	United Kingdom	Steve Robison	+44 01484 686943	info@gleve-engineering.com	Customer	Letter / Telephone
Denholt Steel Fabrications Ltd	Unit 5	Miall Street Mills	Miall Street	Halifax	West Yorkshire	HX1 4AE	United Kingdom	Dennis Rose	+44 01422 381000		Customer	Letter / Telephone
T W L Engineering	St Thomas's Road			Huddersfield	West Yorkshire	HD1 3LG	United Kingdom	Paul Royston	+44 08700 841026	paul.royston@twl-uk.com	Customer	Letter / Telephone
CCL Stressing Systems Ltd	Unit 4 Park 2000	Millennium Way		Leeds	West Yorkshire	LS11 5AL	United Kingdom	Matthew Ryznar	+44 0113 395 6419	mryznar@cclstressing.com	Customer	Letter / Telephone
Ignition	2A Oldfield Lane	Oldfield		Keighley	West Yorkshire	BD22 0HZ	United Kingdom	Andrew Sale	+44 08000 350064		Customer	Letter / Telephone
Sangha Metrology	Blanche Street			Bradford	West Yorkshire	BD4 8DA	United Kingdom	Mohan Sangha	+44 01274 6677785	sales@snaghametrolgy.com	Customer	Letter / Telephone
Beddis Kenley Engineering Ltd	Unit 6	Astra Park	Parkside Lane	Leeds	West Yorkshire	LS11 5TD	United Kingdom	David Schofield	+44 0113 270 0331	sales@beddis-kenley.freeserve.co.uk	Customer	Letter / Telephone
Hoyer UK Ltd	517 Leeds Road			Huddersfield	West Yorkshire	HD2 1YJ	United Kingdom	Carin Schrader	+44 01484 447292		Customer	Letter / Telephone
Interface Fabrics Ltd	Hopton Mill	Hagg Lane	Lower Hopton	Mirfield	West Yorkshire	WF14 8HE	United Kingdom	Inga Schultz	+44 01924 490591		Customer	Letter / Telephone
RWE Npower Fabreka	Ts Ferrybridge 8/12 Jubilee Way	Old Great North Road	Thackley Old	Knottingley	West Yorkshire	WF11 8PR	United Kingdom	Graham Scott	+44 01977 632201	graham.scott@rwenpower.com	Customer	Letter / Telephone
International Inc Weir Valves and Controls Ltd	Britannia House	Huddersfield Road		Shipley	West Yorkshire	BD18 1QG	United Kingdom	Paul Scott	+44 01274 531333	info@fabreka-uk.com	Customer	Letter / Telephone
M Sedgwick & Co Ltd	Swinnow Lane			Leeds	West Yorkshire	LS13 4QG	United Kingdom	Terence Scrutton	+44 01422 282258		Customer	Letter / Telephone
Reliance Precision Limited	Rowley Mills	Penistone Road	Lepton	Huddersfield	West Yorkshire	HD8 0LE	United Kingdom	John Sedgwick	+44 0113 257 0637	genesedgwick@hotmail.com	Customer	Letter / Telephone
Vandalite Lighting Ltd	Dunkirk Mills	Dunkirk Street		Halifax	West Yorkshire	HX1 3TB	United Kingdom	James Selka	+44 01484 601000	seh@reliance.co.uk	Customer	Letter / Telephone
600 Lathes Turnbridge Eng Co Ltd	PO Box 20	Union Street		Heckmondwike	West Yorkshire	WF16 0HN	United Kingdom	Ben Shaw	+44 01422 354254		Customer	Letter / Telephone
Shaw Timber	Hanworth Court	Hanworth Road	Low Moor	Bradford	West Yorkshire	BD12 0SG	United Kingdom	Chris Shaw	+44 01924 415000		Customer	Letter / Telephone
Imago Metakl Ltd	Bridge Street	Slaitwhaite		Huddersfield	West Yorkshire	HD7 5JN	United Kingdom	Daniel Shaw	+44 01274 693699		Customer	Letter / Telephone
Blakepoint Ltd	Brishaw House	Victoria Road		Halifax	West Yorkshire	HX1 5PT	United Kingdom	Michael Shaw	+44 01484 848484	salea@shawtimber.com	Customer	Letter / Telephone
Bradfabs GKN Driveline Service Limited	Tool Group 61 Planetrees Rd	1 Tong Street		Bradford	West Yorkshire	BD4 9PW	United Kingdom	Ryan Shaw	+44 01422 359777	harvey@imago-metal.co.uk	Customer	Letter / Telephone
Spingvale Engineering Ltd	Unit 3	Lasterdyke		Bradford	West Yorkshire	BD4 8AE	United Kingdom	Barry Shoesmith	+44 01274 683902		Customer	Letter / Telephone
Novaglaze Gardner & Newton Ltd	124 Leeds Road	Brookfoot Business Park	Brookfoot	Mirfield	West Yorkshire	WF14 0JE	United Kingdom	Robert Simmonite	+44 01274 400401	robert@bradfabs.co.uk	Customer	Letter / Telephone
Labtex Ltd	Unit 3	Brookfoot Business Park	Brookfoot	Brighouse	West Yorkshire	HD6 2SD	United Kingdom	Edward Simpson	+44 07803 921487	paul.simpson@gkndriveline.com	Customer	Letter / Telephone
Depuy International	Queens Mill Road	Lockwood Penistone Road	Fenay Bridge	Huddersfield	West Yorkshire	HD1 3PG	United Kingdom	Eddy Smeaton	+44 01484 720205	eddy@springvalegro.com	Customer	Letter / Telephone
Outokumpu	Dogley Mills	Penistone Road		Huddersfield	West Yorkshire	HD8 0NQ	United Kingdom	Gary Smith	+44 01484 517010	sales@n-gn.co.uk	Customer	Letter / Telephone
F H Speight Quality Componentsuk Ltd	Unit 18	Beeston		Leeds	West Yorkshire	LS11 8DT	United Kingdom	Greg Smith	+44 01484 600200	greg@labtex.co.uk	Customer	Letter / Telephone
C D UK Ltd	Thistle Way			Leeds	West Yorkshire	LS27 7JZ	United Kingdom	Patrick Sorsby	+44 0113 387 6056	psorsby@dpygb.jnj.com	Customer	Letter / Telephone
Heckmondwyke FB Ltd	PO Box 7	Wellington Mills		Liversedge	West Yorkshire	WF15 7XA	United Kingdom	Victoria Sorsby	+44 (0)11 4261 3800	victoria.sorsby@outokumpu.com	Customer	Letter / Telephone
								Duncan Speight	+44 01422 882112	duncan@dspeight.freeserve.co.uk	Customer	Letter / Telephone
								Richard Stanforth	+44 01977 618160	adequalitycomp@hotmail.co.uk	Customer	Letter / Telephone
								Richard Stephenson	+44 0113 201 2240		Customer	Letter / Telephone
								Richard Stephenson	+44 01924 406161	sales@heckmondwyke-fb.co.uk	Customer	Letter / Telephone

Square One Precision Engineering	Units 2 & 3 Erivan Park Unit 11 Qf Ind Est	Sandbeck Industrial Estate Wellington Street		Wetherby	West Yorkshire	LS22 7DB	United Kingdom	Mike Stericker	+44 01937 586068	mike@squareoneprecision.co.uk	Customer	Letter / Telephone
Nicc Precision	Technology Centre	Technology Drive	Laisterdyke	Bradford	West Yorkshire	BD10 8SB	United Kingdom	Malcolm Stewart	+44 01274 666804	sales@niccprecision.co.uk	Customer	Letter / Telephone
Selintra	Wharfedale Rd	Euroway Trad Est		Batley	West Yorkshire	WF17 6ER	United Kingdom	Jeff Stokoe	+44 01924 918076	jeff@selintra.com	Customer	Letter / Telephone
VON Roll UK Ltd	Appleby House Unit 1 Canal Wharf	Walker Terrace		Bradford	West Yorkshire	BD4 6SG	United Kingdom	John Stor	+44 01274 709233	john.stor@vonroll.com	Customer	Letter / Telephone
Applelec Sign Components	Appleby House Unit 1 Canal Wharf	Walker Terrace		Bradford	West Yorkshire	BD4 7HJ	United Kingdom	Paul Stothers	+44 01274 774477	p.stothers@applelec-sign.co.uk	Customer	Letter / Telephone
RTS (Leeds) Ltd	Croft House	Wyther Lane	Kirkstall	Leeds	West Yorkshire	LS5 3BT	United Kingdom	Andrew Stott	+44 0113 275 1277	andrew@rtsleeds.com	Customer	Letter / Telephone
Keighley Laboratories Group Ltd	Croft House	South Street		Keighley	West Yorkshire	BD21 1EG	United Kingdom	Len Stott	+44 01535 664211	lstott@keighleylabs.co.uk	Customer	Letter / Telephone
Atlas (Kly) Ltd	Church Farm	Main Street	Stanbury Hunsworth Lane	Keighley	West Yorkshire	BD22 0HA	United Kingdom	John Suckling	+44 01535 643998		Customer	Letter / Telephone
Transmark Heaton Valves Ltd	Heaton House	Riverside Drive		Bradford	West Yorkshire	BD19 4DH	United Kingdom	Mel Sudbury	+44 01274 700000		Customer	Letter / Telephone
Polyseam Ltd	Shaw Park Clarendon Road	Silver Street		Huddersfield	West Yorkshire	HD5 9AF	United Kingdom	Andrew Sutlic	+44 01484 421036	sales@polyseam.co.uk	Customer	Letter / Telephone
Titan	City Point	29 King Street		Halifax	West Yorkshire	HX3 6NT	United Kingdom	Doug Tait	+44 01535 643998		Customer	Letter / Telephone
King Sturge Plant & Machinery	City Point	29 King Street		Leeds	West Yorkshire	LS1 2HL	United Kingdom	Keith Tatterton	+44 0113 235 5264	keith.tatterton@kings-turge.com	Customer	Letter / Telephone
Longwood Engineering Ltd	Silver Street	Aspley		Huddersfield	West Yorkshire	HD5 9BS	United Kingdom	Alan Taylor	+44 01484 424545		Customer	Letter / Telephone
Arrose Engineering Applied Metal Technology Ltd	Calder Brooke Unit 3 Ashfield Close	Holme End Whitehall Ind Estate		Hebden Bridge	West Yorkshire	HX7 8NX	United Kingdom	David Taylor	+44 01422 846222		Customer	Letter / Telephone
Philidas	Monkhill Lane	Monkhill		Leeds	West Yorkshire	LS12 5JB	United Kingdom	Ian Taylor	+44 0113 279 3708	iantaylor@appliedmetal.co.uk	Customer	Letter / Telephone
Halco Holdings Ltd	PO Box 25	West Lane Airedale Industrial Estate	Southowram	Halifax	West Yorkshire	HX3 9TW	United Kingdom	Paul Taylor	+44 01977 704141	ptaylor@philidas.com	Customer	Letter / Telephone
	Unit 2 Kitson Road			Halifax	West Yorkshire	HX3 9TW	United Kingdom	T Taylor	+44 01422 399900		Customer	Letter / Telephone
Lonestar Lwd	Whitley Street			Leeds	West Yorkshire	LS10 1NT	United Kingdom	David Tennant	+44 0113 205 6033	dtennant@lonestarfsteners.com	Customer	Letter / Telephone
CTR Engineering Ltd	Whitley Street			Bingley	West Yorkshire	BD16 4JH	United Kingdom	Peter Tetley	+44 01274 562550	ptetley@hotmail.com	Customer	Letter / Telephone
Broadbent Stanley Ltd	Quarry Works Unit 19 Perseverance Mills	Burnley Road		Sowerby Bridge	West Yorkshire	HX6 2TF	United Kingdom	Graham Thomas	+44 01422 835266	gt@broadbentstanley.co.uk	Customer	Letter / Telephone
Desa Systems Ltd	Chapel Lane	Lockwood Scar		Huddersfield	West Yorkshire	HD4 6BW	United Kingdom	David Thompson	+44 01484 450200	david@desasystems.co.uk	Customer	Letter / Telephone
M Thornton Eng Ltd	Chapel Lane	Moldgreen		Huddersfield	West Yorkshire	HD5 9BG	United Kingdom	Michael Thornton	+44 01484 431091	info@mthorntoneng.com	Customer	Letter / Telephone
G Gibson & Co Ltd	Gibson House	Barrowby Lane	Garforth	Leeds	West Yorkshire	LS25 1NG	United Kingdom	Trevor Timmins	+44 0113 286 9245	tt@g-gibson.com	Customer	Letter / Telephone
Centa Transmissions Ltd	Thackley Court Unit6/7 Lee Mill Industrial Estate	Thackley Old Road	Shipley	Bradford	West Yorkshire	BD18 1BW	United Kingdom	Graham Tomlin	+44 01274 531034		Customer	Letter / Telephone
CSG Eurovac Ltd	Rosemount Works	Scholes Huddersfield Road		Holmfirth	West Yorkshire	HD9 1RT	United Kingdom	DT Towers	+44 01484 689055	csgeurovac@clara.net	Customer	Letter / Telephone
Valvetek Machining Ltd	Rosemount Works	Huddersfield Road		Eiland	West Yorkshire	HX5 0EE	United Kingdom	Anthony Tynan	+44 01422 315430	tony.tynan@valvetek.co.uk	Customer	Letter / Telephone
TEV Ltd	Armytage Road			Brighouse	West Yorkshire	HD6 1QF	United Kingdom	James Vigor	+44 07795 837664	jimvigor@tevlimited.com	Customer	Letter / Telephone
Electron Services Ltd	Unit 2	Springwood Mill Bus Pk		Halifax	West Yorkshire	HX4 9BH	United Kingdom	Richard Vogel	+44 01484 450200		Customer	Letter / Telephone
Edge	9 South Street	Denholme		Bradford	West Yorkshire	BD13 4AQ	United Kingdom	Matthew Waddington	+44 07984 677219	m.waddington@blueyonder.co.uk	Customer	Letter / Telephone
Borg Warner Ltd	Turbo Systems Division	Roydale Way	Euroway Trading Estate	Bradford	West Yorkshire	BD4 6SE	United Kingdom	Ian Walker	+44 01274 685555		Customer	Letter / Telephone
Coe Limited	Photon House 13 & 14 Westland Square	Percy Street		Leeds	West Yorkshire	LS12 1EG	United Kingdom	A Wallace	+44 0113 2308800		Customer	Letter / Telephone
Bryden Engineering Ltd	Photon House 13 & 14 Westland Square	Percy Street		Leeds	West Yorkshire	LS11 5SS	United Kingdom	Lee Ward	+44 0113 270 1999		Customer	Letter / Telephone

Martor UK	Rcm Business Centre	Dewsbury Road		Ossett	West Yorkshire	WF5 9ND	United Kingdom	Nick Watts	+44 01924 281333	ian@martor.co.uk	Customer	Letter / Telephone
AES Seal Ltd	Venio Industrial Estate			Bradford	West Yorkshire	BD4 6HA	United Kingdom	Rob Weaver			Customer	Letter / Telephone
Morrisflex Ltd	Artillery Street			Heckmondwike	West Yorkshire	WF16 0NR	United Kingdom	Sara Whitworth	+44 01924 402490	morrisflex@aol.com	Customer	Letter / Telephone
Cummins Turbo Technology Ltd	St Andrew's Road			Huddersfield	West Yorkshire	HD1 6RA	United Kingdom	Alan Wild	+44 01484 422244	alan.wild@holset.com	Customer	Letter / Telephone
Omco UK Ltd	New Street Mills	Carlisle Road	Pudsey	Leeds	West Yorkshire	LS28 8LW	United Kingdom	John Wilkinson	+44 0113 257 3172	martyn.atkinson@omcomould.com	Customer	Letter / Telephone
Victor Manufacturing Limited	Lonsdale Works	Gibson Street		Bradford	West Yorkshire	BD3 9TF	United Kingdom	Phil Williams	+44 01274 722125	phil.williams@victormanufacturing.co.uk	Customer	Letter / Telephone
Carnation Designs Limited	Unit1 Beehive Business Park	Smithies Lane	Off Station Road	Heckmondwike	West Yorkshire	WF16 0PN	United Kingdom	Mark Wilson	+44 01924 411211	sales@carnationdesigns.co.uk	Customer	Letter / Telephone
VTL Automotive	Calderside Works	Luddenden Foot		Halifax	West Yorkshire	HX2 6EL	United Kingdom	Ian Wood	+44 01422 888836	ian.wood@vtl-automotive.com	Customer	Letter / Telephone
	Unit 1 Springwood Mills	Burrwood Way	Holywell Green	Halifax	West Yorkshire	HX4 9BH	United Kingdom	Martin Wood	+44 01422 327523	info@caldermach.com	Customer	Letter / Telephone
Siemens VAI Metals Technologies Ltd	Davy House	UnitS Europa Link	Sheffield Airport Business Park	Sheffield	South Yorkshire	S9 1XU	United Kingdom	Heather Woods	+44 (0)17 0972 6500	heather.woods@sie mens.com	Customer	Letter / Telephone
Syngenta	PO Box A38	Leeds Road		Huddersfield	West Yorkshire	HD2 1FF	United Kingdom	Nigel Wright	+44 01484 537456		Customer	Letter / Telephone
GSM Valtech Ind Ltd	Sandbeck Way			Wetherby	West Yorkshire	LS22 7DN	United Kingdom	Paul Wright	+44 01937 586987	paulwright@gsmgroup.co.uk	Customer	Letter / Telephone
WKW Precision Engineering	Shaw Royd Works	Shaw Lane		Halifax	West Yorkshire	HX3 9HD	United Kingdom	Adrian Wyatt	+44 01422 351720	adrian@kw-eng.co.uk	Customer	Letter / Telephone
John Walton Machine Tools Ltd	The Smithy	Smithy Carr Lane		Brighouse	West Yorkshire	HD6 2HL	United Kingdom	Chris Young		cyoung@chucks.co.uk	Customer	Letter / Telephone
Pennine Industrial Equipment Ltd	Moor Croft House	Commercial Road	Skelmanthorpe	Huddersfield	West Yorkshire	HD8 9DT	United Kingdom	Clive Wilson	+44 01484 864733	cw@pennine.org	Customer	Letter / Telephone

## Employer Learning Needs Data

*Employer learning requirements have been incorporated into the curriculum development plans.*

Employer	Address	Contact Name	Telephone no	Email	Sector area	Higher level learning/skill needs	Level of learning	Learner Status

Delivery Method	Volume of learning	Start Date	Duration	Number of learners	Current level of learners	Co-financing

## Progression Agreements

Please provide details of all progression agreements developed to support sector activities that are not directly linked to funded curriculum development.

Progression Agreement Linked to Curriculum Development								
Types of learners involved e.g. BTEC, NVQ	Course title and sending institution	HE qualification learner will enter	Course title and receiving institution	No. of progression agreements signed	No. of progression agreements in development	No. of different institutional signatories	Expected number of learners per year	ASN FTE Required
FD	Metallurgy and Materials Bradford College	BEng	Metallurgy and Materials Bradford College		1	1	20-50	10

**WYLLN Employer Engagement and Learning Needs Record  
Sector Group Members' Training and Development Needs**

<b>Details of need</b>	<b>Target Audience / numbers involved</b>	<b>Level of priority 1. Urgent and important (Must) 2. Not urgent but Important (Should) 3. Not urgent but useful (Could)</b>
Sector Awareness and FE/HE Understanding	All Sector partners	1
Distance and E-Learning Development and Support	Curriculum development staff	1
Course Validation and Credit Transfer	Curriculum development staff	1
Work-based Learning	Course leaders	1
Learner Mentoring	Course leaders	2
Employer Engagement	Business facing staff	2
Funding Applications	Business development staff	2
JISC Workshop	All Sector academics	3

## WYLLN Projects Fund

<b>Proposal Title</b>	A Holistic Approach to Blended Learning Delivery Through Generic E-Learning Modules and Integrated Staff Development	Sector Employer Engagement Methodology Development and Implementation
<b>Proposal Outline</b>	Development of a suite of best practice and generic e-learning modules and the delivery of a programme of information workshops	To research and develop a bespoke sector methodology for FE/HE employer engagement, together with measured implementation to support the curriculum, IAG and progression aims of the WYLLN
<b>Project Lead</b>	The University of Huddersfield	The University of Huddersfield
<b>Other Partners Involved</b>	<ul style="list-style-type: none"> <li>• Bradford College</li> <li>• Virtual College</li> <li>• Bradford University</li> <li>• The University of Huddersfield</li> </ul>	<ul style="list-style-type: none"> <li>• Bradford College</li> <li>• Bradford University</li> <li>• The University of Huddersfield</li> </ul>
<b>Outcomes</b>	<ul style="list-style-type: none"> <li>• A portfolio of e-learning modules</li> <li>• Framework for sector e-learning</li> <li>• Staff development workshops</li> </ul>	<ul style="list-style-type: none"> <li>• Increased employer involvement in WYLLN activities</li> <li>• Increased learner enrolments</li> </ul>
<b>Benefits for Wider Partnership – naming specific institutions if appropriate</b>	A range of re-usable and commercially sustainable modules, with supporting implementation framework documentation and development training.	Raised profile of academia within the industrial environment with substantially increased partnership benefit and return on investment. Documented routes to market across the WYLLN footprint.
<b>Estimates Total Cost</b>	£65,300.00	£75,500.00