CONFIDENTIAL

Travel Documents

7500 A DFLX 30

Contract No. 6499152
Customer. Lawrence Berkeley National Laboratory

- Materials Specifications
  - Copper
  - HTS Material
  - Bellows
  - Stainless Steel Tubes

- Factory test reports
  - Pressure test
  - Leak test
  - Voltage test
  - Instrumentation checks
  - Cryogenic envelope vacuum tightness certificate

- Routing
  - Signed copies of routings where appropriate.

PIRELLI

Please sign off all procedures immediately after completion

Manufacturing Routing

Contract No. **6499152**
Customer Lawrence Berkeley National Laboratory

Current Lead ID	***7500 A DFLX 30*** ***Pirelli Cables Ltd, UK*** ***LHC-DFLX-CA-0001*** ***29 / 04 / 2003***

Description.	Procedure No.	Iss.	Operator	Signature	Date	Comments
Assemble Resistive Assy	LBNL-Sub A	1	BRIAN JAMES	B James	29-01-03	
Assemble HTS Board Assy	LBNL-Sub H1	1	MICHAEL NAVIN		1/2/03	0208DM01 / 10 tapes / board.
Assemble HTS Assy	LBNL-Sub H2	2	MICHAEL NAVIN		1/2/03	
Solder Resistive Assy – Station 2	LBNL-Sub B	1	BRIAN JAMES	B James	29-01-03	
Solder Termination Assy – LBNL-Sub B	LBNL-Sub C	1	ERIC LIGHTFOOT.	E Lightfoot	30-01-03	
Insert Lead Through Assembly	LBNL-Sub C1	1	ERIC LIGHTFOOT.	E Lightfoot	1-02-03	
Instrumentation Wiring (Resistive Assembly)	LBNL-Sub C2	1	DAVID ATHERTON	D. Atherton	4/2/03	
Wrap Resistive Assy with Fibreglass	LBNL-Sub C3	1	MICHAEL NAVIN		5/2/03	
Instrumentation Wiring RTD's	LBNL-Sub C4	1	DAVID ATHERTON	D Atherton	4/2/03	
Insert / wire Termination Heater	LBNL-Sub C5	1				

PIRELLI

Please sign off all procedures immediately after completion

Manufacturing Routing

Contract No. **6499152**
Customer Lawrence Berkeley National Laboratory

Current Lead ID	7500 A DFLX 30 Pirelli Cables Ltd, UK LHC-DFLX-CA-0001 29 / 04 / 2003

Description.	Procedure No.	Iss.	Operator	Signature	Date	Comments
Solder Rutherford Cables to Station 1	LBNL-Sub D	1	MICHAEL NAVIN	M A Navin	5/2/03	
Solder LBNL-Sub D to HTS Assy (LBNL-Sub H1)	LBNL-Sub D1	1	MICHAEL NAVIN	M A Navin	5/2/03	
Assemble LIA Insulator	LBNL-SubCE1	1	ANTHONY WILLIAMS	A D Williams	1/2/03	
Attach Cryogenic Envelope to LBNL-Sub C5	LBNL-Sub E	1	NEIL BROWN	N. E. Brown	20/2/03	REWORK 24/4/03 NEIL BROWN N E Brown
Solder LBNL-Sub D1 to LBNL-Sub E	LBNL-Sub E1	1	R.N EATON	R.N. Eaton	26.4.03	
Instrumentation Wiring (HTS Assembly)	LBNL-Sub E2	1	DAVID ATHERTON	D Atherton	29/4/03	
Insert Top Hat	LBNL-Sub F	1	R.N.EATON	R.N. Eaton	29/04/03	
Pressure Test / He Leak Test	LBNL-Test S Draft-1	1	PHIL BYRON		26/4/03	FLANGE #2
Voltage Test	LBNL-Test T Draft-1	1	PHIL BYRON		26/4/03	

Please sign off all procedures immediately after completion

Manufacturing Routing

Contract No. **6499152**
Customer Lawrence Berkeley National Laboratory

Current Lead ID	***7500 A DFLX 30*** ***Pirelli Cables Ltd, UK*** ***LHC-DFLX-CA-0001*** ***29/04/2003***

Description	Procedure No.	Iss.	Operator	Signature	Date	Comments
Instrumentation Check	LBNL-Test U Draft-1	1	DAVID ATHERTON	D. Atherton	30/4/03.	

PIRELLI

Please sign off all procedures immediately after completion

Testing Schedule

Contract No. **6499152**
Customer Lawrence Berkeley National Laboratory

Current Lead ID	***7500 A DFLX 30*** ***Pirelli Cables Ltd, UK*** ***LHC-DFLX-CA-0001*** ***___ / ___ / 2003***					
Specification No.	Item	Spec.	Measured (If applicable)	Signature	Date	Comments
#M923B	Dimensional Conformity to Engineering Drawings					
	Top Flange to LBNL seal	560-562mm	562 mm	B James	30·04·03	
	Seal Flange OD	130 mm	130 mm	B James	30·04·03	
	HTS to LBNL Seal	445-446 mm	445 mm	B James	30·04·03	
#M923B (3.9)	Pressure test with N_2 gas using LBNL supplied chamber		✓	PAB	26/4/03	
#M923B (3.9)	Leak Check with He gas	$< 1 \times 10^{-8}$ ($Torr.l.s^{-1}$)	✓	PAB	26/4/03	
#M923B (3.3)	Voltage test using LBNL supplied chamber	< 50µA	< 2 pA	PAB	26/4/03	
#M923B (3.15)	Instrumentation Check					
	Voltage taps (1)					
	Voltage Taps (2)					
	Temperature sensors					
	LTS Cable	LBNL				

Data sheet for high-T_c superconducting tape

NST registration number		:	0208DM01 (645m to 695m)				
Type		:	ZEROME Hercules				
Superconductor		:	Bi(Pb)-2223				
Matrix		:	Silver Alloy				
Coating		:	None				
Main properties:			Average	St.dev	Min	Max.	
Length		BEFORE	50				[m]
Width			3.94	± 0.01	3.88	3.98	[mm]
Thickness			226	± 1	222	230	[µm]
Critical current @ 77K, self field	25cm rolling average		54.2	± 1.40	51.0	56.8	[A]
	30m rolling average		54.0	± 0.70	52.5	54.9	[A]
Length After	649m to 695m	AFTER	46				
Critical current @ 77K, self field AFTER	25cm rolling average 649m to 695m		53.3	± 1.39	49.8	54.2	[A]

NORDIC SUPERCONDUCTOR TECHNOLOGIES A/S

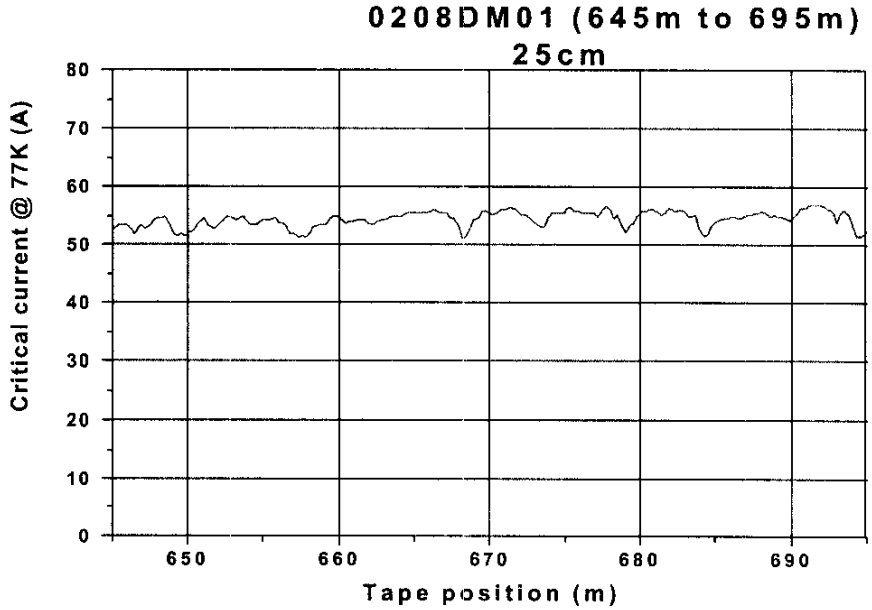
Blokken 84
DK-3460 Birkerød
Denmark
Phone +45 43 48 25 00
Fax +45 43 48 25 01
E-mail nst@nst.com
http://www.nst.com/
Reg. no. 224.707

A company
in the NKT Group

Detailed properties:

I_c is determined by measuring the remnant field set up by the tape when exposed to an external ac magnetic field (10 Hz). Ic, width and thickness are measured at 25cm resolution.

Graph Ic at 25cm BEFORE TRANSPORT



---------- Visual CMES Inspection Report ----------

Operator - Vince Parry

Part number - ULBNL37

Part description - Rectangular Flange

Serial number - 29

Feature - 5.512 +/- .008

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
AXIS X	.0000	.0000	.0000	.1000	-.1000	---*---	
AXIS Y	.0000	.0000	.0000	.1000	-.1000	---*---	
DIAMETER	5.5131	5.5120	.0011	.0080	-.0080	---*---	

Feature - 5.620 +/- .008

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
AXIS X	.0000	.0000	.0000	.0080	-.0080	---*---	
AXIS Y	.0000	.0000	.0000	.0080	-.0080	---*---	
DIAMETER	5.6184	5.6200	-.0016	.0080	-.0080	--*+---	

Feature - 5.748 +/- .008

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
AXIS X	.0001	.0000	.0001	.0080	-.0080	---*---	
AXIS Y	-.0001	.0000	-.0001	.0080	-.0080	---*---	
DIAMETER	5.7464	5.7480	-.0016	.0080	-.0080	--*+---	

Feature - 1-20 ctr PCD

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
AXIS Y	.0000	.0000	.0000	.0030	-.0030	---*---	

Feature - 10 - 11 ctr PCD

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
AXIS Y	.0000	.0000	.0000	.0030	-.0030	---*---	

Feature - 5.512 +/- .008

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
AXIS X	.0000	.0000	.0000	.0030	-.0030	---*---	
AXIS Y	.0009	.0000	.0009	.0030	-.0030	---+*--	

Feature - pcd 7.128 Hole#1

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
RADIUS	3.5645	3.5640	.0005				
ANGLE	9.0138	9.0000	.0138				
DIAMETER	.3411	.3360	.0051	.0040	-.0040	---+-->	.0011
T.P.RADIUS			.0010	.0015			
T.P.ANGLE			71.1663				
T.P.DIAM.			.0019	.0030			

Feature - pcd 7.128 Hole#2

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
RADIUS	3.5648	3.5640	.0008				
ANGLE	26.9866	27.0000	-.0134				
DIAMETER	.3402	.3360	.0042	.0040	-.0040	---+-->	.0002
T.P.RADIUS			.0012	.0015			
T.P.ANGLE			340.8028				
T.P.DIAM.			.0023	.0030			

Feature - pcd 7.128 Hole#3

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
RADIUS	3.5637	3.5640	-.0003				
ANGLE	44.9985	45.0000	-.0015				
DIAMETER	.3406	.3360	.0046	.0040	-.0040	---+-->	.0006
T.P.RADIUS			.0003	.0015			
T.P.ANGLE			242.6842				
T.P.DIAM.			.0006	.0030			

Feature - pcd 7.128 Hole#4

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
RADIUS	3.5640	3.5640	.0000				
ANGLE	63.0007	63.0000	.0007				
DIAMETER	.3411	.3360	.0051	.0040	-.0040	---+-->	.0011
T.P.RADIUS			.0000	.0015			
T.P.ANGLE			156.1079				
T.P.DIAM.			.0001	.0030			

Feature - pcd 7.128 Hole#5

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
RADIUS	3.5644	3.5640	.0004				
ANGLE	80.9795	81.0000	-.0205				
DIAMETER	.3412	.3360	.0052	.0040	-.0040	---+-->	.0012
T.P.RADIUS			.0014	.0015			
T.P.ANGLE			10.1608				
T.P.DIAM.			.0027	.0030			

Feature - pcd 7.128 Hole#6

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
RADIUS	3.5649	3.5640	.0009				
ANGLE	99.0037	99.0000	.0037				
DIAMETER	.3413	.3360	.0053	.0040	-.0040	---+-->	.0013
T.P.RADIUS			.0009	.0015			
T.P.ANGLE			114.0473				
T.P.DIAM.			.0018	.0030			

Feature - pcd 7.128 Hole#7

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
RADIUS	3.5642	3.5640	.0002				
ANGLE	116.9986	117.0000	-.0014				
DIAMETER	.3414	.3360	.0054	.0040	-.0040	---+-->	.0014
T.P.RADIUS			.0002	.0015			
T.P.ANGLE			88.6282				
T.P.DIAM.			.0004	.0030			

Feature - pcd 7.128 Hole#8

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
RADIUS	3.5634	3.5640	-.0006				
ANGLE	134.9863	135.0000	-.0137				
DIAMETER	.3406	.3360	.0046	.0040	-.0040	---+-->	.0006
T.P.RADIUS			.0011	.0015			
T.P.ANGLE			8.3805				
T.P.DIAM.			.0021	.0030			

Feature - pcd 7.128 Hole#9

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
RADIUS	3.5632	3.5640	-.0008				
ANGLE	153.0069	153.0000	.0069				
DIAMETER	.3409	.3360	.0049	.0040	-.0040	---+-->	.0009
T.P.RADIUS			.0009	.0015			

T.P.ANGLE			305.8935				
T.P.DIAM.			.0019	.0030			

Feature - pcd 7.128 Hole#10

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
RADIUS	3.5631	3.5640	-.0009				
ANGLE	171.0164	171.0000	.0164				
DIAMETER	.3403	.3360	.0043	.0040	-.0040	---+-->	.0003
T.P.RADIUS			.0014	.0015			
T.P.ANGLE			303.6498				
T.P.DIAM.			.0028	.0030			

Feature - pcd 7.128 Hole#11

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
RADIUS	3.5623	3.5640	-.0017				
ANGLE	188.9795	189.0000	-.0205				
DIAMETER	.3407	.3360	.0047	.0040	-.0040	---+-->	.0007
T.P.RADIUS			.0021	.0015			.0006
T.P.ANGLE			46.6276				
T.P.DIAM.			.0042	.0030			.0012

Feature - pcd 7.128 Hole#12

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
RADIUS	3.5634	3.5640	-.0006				
ANGLE	207.0373	207.0000	.0373				
DIAMETER	.3409	.3360	.0049	.0040	-.0040	---+-->	.0009
T.P.RADIUS			.0024	.0015			.0009
T.P.ANGLE			311.5119				
T.P.DIAM.			.0048	.0030			.0018

Feature - pcd 7.128 Hole#13

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
RADIUS	3.5640	3.5640	.0000				
ANGLE	225.0326	225.0000	.0326				
DIAMETER	.3405	.3360	.0045	.0040	-.0040	---+-->	.0005
T.P.RADIUS			.0020	.0015			.0005
T.P.ANGLE			314.8298				
T.P.DIAM.			.0041	.0030			.0011

Feature - pcd 7.128 Hole#14

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
RADIUS	3.5643	3.5640	.0003				
ANGLE	243.0309	243.0000	.0309				
DIAMETER	.3405	.3360	.0045	.0040	-.0040	---+-->	.0005
T.P.RADIUS			.0019	.0015			.0004
T.P.ANGLE			323.9955				
T.P.DIAM.			.0039	.0030			.0009

Feature - pcd 7.128 Hole#15

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
RADIUS	3.5661	3.5640	.0021				
ANGLE	261.0424	261.0000	.0424				
DIAMETER	.3404	.3360	.0044	.0040	-.0040	---+-->	.0004
T.P.RADIUS			.0034	.0015			.0019
T.P.ANGLE			312.3967				
T.P.DIAM.			.0068	.0030			.0038

Feature - pcd 7.128 Hole#16

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
RADIUS	3.5655	3.5640	.0015				
ANGLE	279.0346	279.0000	.0346				

DIAMETER	.3407	.3360	.0047	.0040	-.0040	---+-->	.0007
T.P.RADIUS			.0026	.0015			.0011
T.P.ANGLE			335.0812				
T.P.DIAM.			.0052	.0030			.0022

Feature - pcd 7.128 Hole#17

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
RADIUS	3.5664	3.5640	.0024				
ANGLE	297.0197	297.0000	.0197				
DIAMETER	.3405	.3360	.0045	.0040	-.0040	---+-->	.0005
T.P.RADIUS			.0027	.0015			.0012
T.P.ANGLE			324.4741				
T.P.DIAM.			.0053	.0030			.0023

Feature - pcd 7.128 Hole#18

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
RADIUS	3.5655	3.5640	.0015				
ANGLE	315.0069	315.0000	.0069				
DIAMETER	.3403	.3360	.0043	.0040	-.0040	---+-->	.0003
T.P.RADIUS			.0016	.0015			.0001
T.P.ANGLE			330.5913				
T.P.DIAM.			.0032	.0030			.0002

Feature - pcd 7.128 Hole#19

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
RADIUS	3.5649	3.5640	.0009				
ANGLE	333.0049	333.0000	.0049				
DIAMETER	.3403	.3360	.0043	.0040	-.0040	---+-->	.0003
T.P.RADIUS			.0010	.0015			
T.P.ANGLE			351.6339				
T.P.DIAM.			.0019	.0030			

Feature - pcd 7.128 Hole#20

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
RADIUS	3.5653	3.5640	.0013				
ANGLE	350.9897	351.0000	-.0103				
DIAMETER	.3410	.3360	.0050	.0040	-.0040	---+-->	.0010
T.P.RADIUS			.0014	.0015			
T.P.ANGLE			324.6781				
T.P.DIAM.			.0029	.0030			

Feature - pcd 7.128

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
AXIS X	.0009	.0000	.0009				
AXIS Y	-.0006	.0000	-.0006				
DIAMETER	7.1288	7.1280	.0008	.0080	-.0080	---*---	
ROUNDNESS	.0025			.0080		+*--	
T.P.RADIUS			.0011	.0015			
T.P.ANGLE			324.9730				
T.P.DIAM.			.0022	.0030			

Feature - Hole B

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
AXIS X	4.8646	4.8650	-.0004	.0050	-.0050	---*---	
AXIS Y	.0015	.0000	.0015	.0050	-.0050	---+*--	
DIAMETER	.7079	.7086	-.0007	.0080	-.0080	---*---	

Feature - Hole C

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
AXIS X	-3.7431	-3.7420	-.0011	.0050	-.0050	---+*--	
AXIS Y	3.1089	3.1080	.0009	.0050	-.0050	---+*--	

DIAMETER	.7077	.7086	-.0009	.0080	-.0080	---*---

Feature - Hole F

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
AXIS X	3.7416	3.7420	-.0004	.0050	-.0050	---*---	
AXIS Y	3.1095	3.1080	.0015	.0050	-.0050	---+*--	
DIAMETER	.7077	.7086	-.0009	.0080	-.0080	---*---	

Feature - Hole E

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
AXIS X	3.7430	3.7420	.0010	.0050	-.0050	---+*--	
AXIS Y	-3.1068	-3.1080	.0012	.0050	-.0050	--*+---	
DIAMETER	.7077	.7086	-.0009	.0080	-.0080	---*---	

Feature - Hole D

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
AXIS X	-3.7419	-3.7420	.0001	.0050	-.0050	---*---	
AXIS Y	-3.1073	-3.1080	.0007	.0050	-.0050	--*+---	
DIAMETER	.7077	.7086	-.0009	.0080	-.0080	---*---	

Feature - A to B distance

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
LENGTH	9.7299	9.7300	-.0001	.0080	-.0080	---*---	

Feature - C to D distance

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
LENGTH	6.2162	6.2160	.0002	.0080	-.0080	---*---	

Feature - F to E distance

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
LENGTH	6.2163	6.2160	.0003	.0080	-.0080	---*---	

Feature - 7.484 C-F

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
LENGTH	7.4847	7.4840	.0007	.0080	-.0080	---*---	

Feature - 7.484 D - E

	Actual	Nominal	Difference	Hi-tol	Lo-tol	Graphic	Error
LENGTH	7.4850	7.4840	.0010	.0080	-.0080	---*---	

Vacweld

Vacweld Ltd
Folgate House, Folgate Road,
North Walsham, Norfolk, NR28 0AJ, England.
Tel: (01692) 500000 Fax: (01692) 500188
Email:sales@vacweld.co.uk
Web Site: www.vacweld.co.uk

CERTIFICATION OF CONFORMITY

This is to certify the components listed below have been manufactured to their relevant drawing numbers, unless otherwise agreed. The components have been welded, cleaned and leak checked to UHV standards.

ORDER NO: 4500139456

ADVICE NOTE NO: 2776

QTY: 8 **CONCESSIONS:** -

PART/DRAWING NO: ULBNL12 **ISSUE:** -

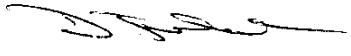
DESCRIPTION: CRYOGENIC ENVELOPE

SERIAL NO: -

CERTIFIED BY: Mr. D HARBOUR

POSITION: DIRECTOR **DATE:** 3rd FEBRUARY 2003

PRINT NAME: D HARBOUR **SIGNED:**



Specialist welding and instrument-making for science and industry

Certificate of Conformity TC 006110/7

issued by

Brockington & Scott Ltd.

Teilo Works, Pontarddulais, Swansea, SA4 8RP, UK
Telephone : **44 (0)1792 882591 Fax : **44 (0)1792 885843

Customer :	Customer's Order N° :
Pirelli Cables Ltd. **Pirelli Components Division** **P.O. Box 4** **Hall Lane, PRESCOT** **Merseyside** **L34 5UR**	**4500126265**

We certify that the undermentioned items have been pressure tested, and inspected for leaks.	Leak Test to 0.5 Bar NO LEAKS OR DISTORTIONS.
We further certify that the materials used in the production of the bellows pieces were released, and are traceable to material certification to 3.1.B.	
No deviation has been made from our approved design drawings and / or our quality plan except as follows.....	NONE.
Dimensional Checks.....	CORRECT.

DESCRIPTION OF SUPPLIES

Our drawing N°.	Customer Ref :	Batch N°.	Order Qty :	Despatch Qty :
M52211 Issue 1	**60NB Conset**	**000331**	**10**	**10**

For Brockington & Scott Limited

J.Ellis

Inspection Stamp

BS 6

Certificate of Conformity TC 006110/8

issued by

Brockington & Scott Ltd.

Teilo Works, Pontarddulais, Swansea, SA4 8RP, UK
Telephone : **44 (0)1792 882591 Fax : **44 (0)1792 885843

Customer :	Customer's Order N° :
Pirelli Cables Ltd. **Pirelli Components Division** **P.O. Box 4** **Hall Lane, PRESCOT** **Merseyside** **L34 5UR**	**4500126265**

We certify that the undermentioned items have been pressure tested, and inspected for leaks.	Leak Test to 1 Bar NO LEAKS OR DISTORTIONS.
We further certify that the materials used in the production of the bellows pieces were released, and are traceable to material certification to 3.1.B.	
No deviation has been made from our approved design drawings and / or our quality plan except as follows.....	NONE.
Dimensional Checks.....	CORRECT.

DESCRIPTION OF SUPPLIES

Our drawing N°.	Customer Ref :	Batch N°.	Order Qty :	Despatch Qty :
M52211 Issue 1	**60NB Conset**	**000332**	**10**	**10**

For Brockington & Scott Limited

J.Ellis

Inspection Stamp

BS 6

CERTIFICATE OF CONFORMANCE

SHIPPED FROM: TC LTD.,
UNITS 1-6 BRIMINGTON ROAD NORTH
WHITTINGTON MOOR, CHESTERFIELD
DERBYSHIRE, S41 9BD, ENGLAND.

SALES OFFICE: TC LTD., PO BOX 130, UXBRIDGE, UB8 2YS, ENGLAND.
FAX: 01895 273540 TELEPHONE: 01895 252222
E MAIL: sales@tc.co.uk WEB SITE: http://www.tc.co.uk
Registered in England No.1125377 VAT No. GB 223 7880 55

ELIVER TO:

PIRELLI CABLES LTD /P574-01
FAO: DARREN SPILLAR, PLANT 50
COMPONENTS DIVISION
HALL LANE PRESCOTT
MERSEYSIDE L34 5UR

OUR REFERENCE
56394/1A

YOUR ORDER NUMBER
4500126415

ACCOUNT NUMBER	DESPATCH NUMBER	DESPATCH DATE
/P574-01	07 56394/1A	17 [illegible] 03

DATE ORDER RECEIVED	ESTIMATED SHIP DATE	ORDER ANALYSIS DATA
16/01/03	17/01/03	TH

PRODUCT CODE	DESCRIPTION	QUANTITY	UNITS	REMARKS
10	RTO ASSEMBLY TYPE 1 RETURN OF CUSTOMER'S SENSORS TO THE FOLLOWING: 15-[illegible]-3.0-4-25-CB2A-R100-A-2 WIRE RF17 OUR QC REPORT 02 [illegible] REFERS CUSTOMER CONTACT IS DARREN SPILLAR YOUR CONTACT AT TC IS TOM HALL-JONES	10	EACH ✓	We certify that the goods supplied against this certificate of conformance have been inspected and tested in accordance with our normal test procedures and fully comply with the description shown, our published specification and the relevant British Standards, details of which are available on request.
[illegible]	PACKING, CARRIAGE & INSURANCE		LOT	Customer Agreed Concession Reference (if applicable) NONE Inspector's Signature J Hanson TC 15 Date 17/01/03

E & O E

Any damage or shortage must be reported in writing or by fax within 7 days of receipt of goods. Customers intending to return goods to us (for any reason what-so-ever) must first obtain our written agreement with instructions as to which factory site the goods are to be returned to. We accept no liability for shortage, damage or non-receipt, in any way, for goods being returned.

FORM TC2

VARIAN

Varian Vacuum Technolgies
Varian S.p.A.
Via F.lli Varian, 54
10040 Leinì (Torino)Italy

Phone: +39-011-9979-111
Fax: +39-011-9979-350
www.varianinc.com

Date September 17, 2002

CERTIFICATO DI CONFORMITA'
AFFIDAVIT OF COMPLIANCE
TEST REPORT

Si certifica che il seguente materiale:
We certify that the following material:

Part number and description Numero di parte e descrizione	Order Ordine	Delivery Prelievo	Quantity Quantità
FG0275CI GASKET,CU,FOR 2.75"CFF,10/PK	**318393991**	**310907508**	8
F06000000NC4 FLANGE,CF,6.00"X0.00",NR,CBH,304L SST	**318393991**	**310902929**	20
F06000000NC4 FLANGE,CF,6.00"X0.00",NR,CBH,304L SST	**318393991**	**310908849**	20
FG0600CI GASKET,CU,FOR 6.0"CFF,10/PK	**318393991**	**31090758**	3
F06000000RM4 FLANGE,CF,6.00"X0.00",ROT,M8,TAP	**318393991**	**310917050**	20
F06000000RM4 FLANGE,CF,6.00"X0.00",ROT,M8,TAP	**318393991**	**310917050**	20

PURCHASE ORDER REF. 4500126836

E' stato costruito secondo la norme applicabili, incluse le norme ISO 9001, ed è conforme a quanto richiesto dall'ordine d'acquisto e dalle nome e/o disegni da questo ordine citati. Le informazioni relative sono a disposizione per eventuali ispezioni.

Was manufactured in accordance with applicable specification, ISO 9001 norms included, and is in conformance with the requirements, specifications and drawing applicable to that purchase order. Test report may be examined upon request.

Firma
Authorized-Signature

CLEANING PROCEDURE FOR STAINLESS STEEL COMPONENTS USED IN ULTRA HIGH VACUUM APPLICATIONS

PRE-WELDING CLEANING:

- REMOVE EXCESS GREASE AND OIL FROM COMPONENT USING PAPER OR CLOTH WIPERS, TAKING EXTRA CARE TO ENSURE HOLES ARE CLEAR OF CUTTING OIL, GREASE AND SWARF
- ULTRASONIC IN HOT DECON 90 OR SIMILAR DEGREASANT FOR 30 MINUTES
- RINSE ITEM IN HOT RUNNING WATER TO REMOVE DEGREASANT
- BLOW OFF EXCESS WATER WITH OXYGEN FREE NITROGEN
- ULTRASONIC IN FERROTONE SOLUTION FOR 30 MINUTES
- RINSE UNDER COLD RUNNING WATER TO REMOVE FERROTONE
- BLOW OFF WITH OXYGEN FREE NITROGEN
- ULTRASONIC IN DE-IONISED WATER FOR 10 MINUTES
- BLOW OFF WITH OXYGEN FREE NITROGEN
- OVEN DRY AT 90 – 120 DEG C FOR 30 MINUTES

WELDING:

- WIPE AREA TO BE WELDED WITH ISO PROPONOL OR SIMILAR, USING A LINT FREE TISSUE
- ENSURE A GOOD ARGON PURGED SYSTEM DURING THE WELD PROCEDURE

CLEANING PROCEDURE CONTINUED

POST- WELDING CLEANING:

- SCOTCHBRIGHT MANUALLY TO REMOVE WELD BURN, POLARIS POWDER CAN BE USED TO AID BURN REMOVAL
- ULTRASONIC IN HOT DECON 90 OR SIMILAR FOR 30 MINUTES
- RINSE OFF EXCESS UNDER HOT RUNNING WATER
- BLOW OFF USING OXYGEN FREE NITROGEN
- ULTRASONIC IN BOILING DE-IONISED WATER FOR 30 MINUTES
- BLOW OFF USING OXYGEN FREE NITROGEN
- OVEN DRY AT 90 – 120 DEG C FOR 12 HOURS

PACKAGING

- HANDLE WITH CARE USING LINT FREE & DUST FREE GLOVES
- COVER ALL FLANGE FACES WITH TIN FOIL
- PROTECT FLANGE USING A SUITABLE CAP
- PLACE ITEM IN 2 PLATIC BAGS AND HEAT SEAL
- EACH ITEM MUST BE CLEARLY MARKED ON THE OUTSIDE WITH THE FOLLOWING:

  A: UHV CLEAN COMPONENTS HANDLE WITH CARE AND GLOVES

  B: DRAWING NUMBER

  C: ISSUE NUMBER

  D: ORDER NUMBER

Ceramaseal
A division of CeramTec
1033 State Route 20
New Lebanon, NY 12125

To: ***PIRELLI CABLES LTD.***

This is to certify that ***8*** pieces of Ceramaseal part number ***4511-02-CF***, your part number ***NA***; shipped against your purchase order number ***4500126247***, on ***8/30/02***, met all applicable requirements of current specifications, drawings and exceptions listed on the above purchase order and that appropriate test results are on file. Shipped on Ceramaseal sales order number ***62361***. Manufactured on Ceramaseal work order number ***101764***.

Jean A. Hoffman
Company Official

Quality Technician
Title

Tel: 518-794-7800 • 800-752-SEAL

Fax: 518-794-8080 • www.ceramaseal.com

Vacweld

Vacweld Ltd
Folgate House, Folgate Road,
North Walsham, Norfolk, NR28 0AJ, England.
Tel: (01692) 500000 Fax: (01692) 500188
Email:sales@vacweld.co.uk
Web Site: www.vacweld.co.uk

CERTIFICATION OF LEAK TEST

ORDER NO: 4500133041

ADVICE NOTE NO: 000000518

QTY: 40 CONCESSIONS: -

PART/DRAWING NO: UBNL70Z ISSUE: 2

DESCRIPTION: REDUCER ASSY

SERIAL NO: -

VALVE NO: -

CALIBRATED LEAK RATE: Within 1 x 10^{-11} mbar l/s

LEAK CHECKED/VACUUM BAKED BY: Mr. D HARBOUR

POSITION: DIRECTOR DATE: 17th OCTOBER 2002

PRINT NAME: D HARBOUR SIGNED:

Specialist welding and instrument-making for science and industry

Bodycote Group

Member of Bodycote International Plc

TEST CERTIFICATE/ADVICE NOTE
CERTIFICATE OF CONFORMITY
APPROVED CERTIFICATE

Delete as appropriate

FROM: BODYCOTE HEAT TREATMENTS LTD.
[illegible]NNY INDUSTRIAL ESTATE
[illegible]TERBEACH
CAMBRIDGE

VAT No.: GB 593 6330 22
FAX No.: 01223 863498
TEL: CB5 9QR
01223 860741

INVOICE ADDRESS
PIRELLI CABLES LIMITED
COMPONENTS DIVISION
PO BOX 4, HALL LANE,
PRESCOT, MERSEYSIDE.
L34 5UR.

DELIVERY ADDRESS
PIRELLI CABLES LIMITED
COMPONENTS DIVISION
PO BOX 4, HALL LANE,
PRESCOT, MERSEYSIDE.
L34 5UR.

SERIAL NUMBER 0442709 PAGE: DATE: 01[illegible]
ORDER ENTRY DATE: 29[illegible]
TRANSPORT DETAILS :
WORKS ORDER No. : ANC
INCOMING ORDER No. : 0375074
INCOMING CERT No. : 4500134279
MATERIAL SPEC/ISSUE No. : COLDER

LINE No.	JOB No.	DESCRIPTION	UNIT	QUANTITY
001	6500	Part No. TRANSPORT CHARGES	LOAD ITEMS	1.000 1.000
002	0080	LOWER SEAL ASSY Part No. ULBNL-69 VACUUM BRAZE TO OUR DATA CARD 080W Iss.02 BRAZE N50 REQ.No.10786431	EACH ITEMS	10.000 10.000

Furnace Chge 4/8501

Helium Leak Checked – Acceptable.

14-11-02 75

CERTIFICATE DECLARATION

Certified that the whole of the supplies/materials detailed hereon have been processed, inspected, tested and – unless otherwise stated – conform in all respects with the requirements of the contract, order or specifications.
The quality control arrangements adopted in respect of these supplies/materials have accorded with the conditions applicable to the following approvals:

BS EN ISO 9002 APPROVAL NO:005196

Certified that unless otherwise stated above, the whole of the above mentioned materials and/or parts have been processed and inspected in accordance with the terms of the contract/order applicable thereto and conform fully to the standards/specification quoted hereon and the requirements of the Civil Aviation Authority.

For and on behalf of:

BODYCOTE HEAT TREATMENTS LTD.

Signed: [signature] Insp. Stamp 75

LLANDAFF ENGINEERING
PAPERMILL ROAD,
CARDIFF. CF11 6PH UK
TEL: 029 2083 8300
FAX: 029 2056 5125
FAX: 029 2056 3523
Web Site : WWW.LLANDAFF.COM

LLANDAFF ENGINEERING COMPANY LTD. REGISTERED NUMBER 798354 LONDON VAT NUMBER 134367277

Certificate Of Conformity

Deliver to

Pirelli Cables Components Unit
PLANT 58, COMPONENTS DIVISION
PIRELLI CABLES LIMITED
HALL LANE
PRESCOTT, MERSEYSIDE
L34 5UR

Invoice to

Pirelli Cables Components Unit
PO Box 4
Hall Lane
Prescot
Merseyside
L34 5UR

Our VAT reg

Delivery no
28042

Account code
BICC00184

Delivery date
9/20/02

Item	Part no	Your part no	Your order no	Qty ordered	Qty balance	Qty despatched
1	PICALBNL42 6" CONFEAT FLANGE TO DRG. LBNL42 Complete Order Item		4500131111 *UOM* : EACH *Our order* : 10223/1	20.000	0.000	20.000

DELIVERED BY PARCELINE

Signature

The above items have been manufactured using Llandaff Engineering's Quality Management system's accredited to BS.EN.ISO 9002 (1994) and unless stated comply in all respects to your requirements.

LLANDAFF ENGINEERING

PAPERMILL ROAD,
CARDIFF. CF11 8PH UK
TEL: 029 2083 8300
FAX: 029 2056 5125
FAX: 029 2056 3523

Web Site : WWW.LLANDAFF.COM

LLANDAFF ENGINEERING COMPANY LTD. REGISTERED NUMBER 798364 LONDON VAT NUMBER 193367277

Certificate Of Conformity

Deliver to

Pirelli Cables Components Unit
PLANT 58, COMPONENTS DIVISION
PIRELLI CABLES LIMITED
HALL LANE
PRESCOTT, MERSEYSIDE
L34 5UR

Invoice to

Pirelli Cables Components Unit
PO Box 4
Hall Lane
Prescot
Merseyside
L34 5UR

Our VAT reg

Delivery no
28032

Account code
BICC00184

Delivery date
19/09/2002

Item	Part no / Your part no	Your order no	Qty ordered	Qty balance	Qty despatched
1	PICALBNL137 SUPPORT ROD OUTER TO DRG. LBNL137 Complete Order Item	4500126409 *UOM* : EACH *Our order* : 10091/4	160.000	0.000	160.000
2	PICALBNL13 STATION 2 SEALING RING TO DRG. LBNL13 Complete Order Item	4500126409 *UOM* : EACH *Our order* : 10091/15	40.000	0.000	40.000
3	PICALBNL35 LIA INSULATOR FLANGE TO DRG. LBNL35 Complete Order Item	4500126409 *UOM* : EACH *Our order* : 10091/17	40.000	0.000	40.000

DELIVERED BY PARCELINE

Signature

The above items have been manufactured using Llandaff Engineering's Quality Management system's accredited to BS.EN.ISO 9002 (1994) and unless stated comply in all respects to your requirements.

LLANDAFF ENGINEERING

PAPERMILL ROAD,
CARDIFF. CF11 8PH UK
TEL: 029 2083 8300
FAX: 029 2056 5125
FAX: 029 2056 3523

Web Site : WWW.LLANDAFF.COM

LLANDAFF ENGINEERING COMPANY LTD. REGISTERED NUMBER 798364 LONDON VAT NUMBER 134337277

Certificate Of Conformity

Deliver to

Pirelli Cables Components Unit
PLANT 58, COMPONENTS DIVISION
PIRELLI CABLES LIMITED
HALL LANE
PRESCOTT, MERSEYSIDE
L34 5UR

Invoice to

Pirelli Cables Components Unit
PO Box 4
Hall Lane
Prescot
Merseyside
L34 5UR

Our VAT reg

Delivery no
28196

Account code
BICC00184

Delivery date
10/4/02

Item	Part no	Your part no	Your order no	Qty ordered	Qty balance	Qty despatched
1	PICALBNL14 UPPER SEAL TO DRG. LBNL14 Complete Order Item *DELIVERED BY PARCELINE*		4500126409 *UOM* : EACH *Our order* : 10091/7	40.000	0.000	40.000

Signature

The above items have been manufactured using Llandaff Engineering's Quality Management system's accredited to BS.EN.ISO 9002 (1994) and unless stated comply in all respects to your requirements.

LLANDAFF ENGINEERING
PAPERMILL ROAD,
CARDIFF. CF11 8PH UK
TEL: 029 2083 8300
FAX: 029 2056 5125
FAX: 029 2056 3523
Web Site : WWW.LLANDAFF.COM

LLANDAFF ENGINEERING COMPANY LTD. REGISTERED NUMBER 798364 LONDON VAT NUMBER 134387277

Certificate Of Conformity

Deliver to

Pirelli Cables Components Unit
PLANT 58, COMPONENTS DIVISION
PIRELLI CABLES LIMITED
HALL LANE
PRESCOTT, MERSEYSIDE
L34 5UR

Invoice to

Pirelli Cables Components Unit
PO Box 4
Hall Lane
Prescot
Merseyside
L34 5UR

Our VAT reg

Delivery no
28149

Account code
BICC00184

Delivery date
9/27/02

Item	Part no	Your part no	Your order no	Qty ordered	Qty balance	Qty despatched
1	PICALBNL138 SUPPORT ROD INNER TO DRG. LBNL138 Complete Order Item		4500126409 *UOM* : EACH *Our order* : 10091/5	160.000	0.000	160.000
2	PICALBNL68 THERMOMETER SLEEVE TO DRG. LBNL68 Complete Order Item		4500126409 *UOM* : EACH *Our order* : 10091/11	10.000	0.000	10.000

DELIVERED BY PARCELINE

Signature

The above items have been manufactured using Llandaff Engineering's Quality Management system's accredited to BS.EN.ISO 9002 (1994) and unless stated comply in all respects to your requirements.

LLANDAFF ENGINEERING
5 PAPERMILL ROAD,
CARDIFF. CF11 8PH UK
TEL: 029 2083 8300
FAX: 029 2056 5125
FAX: 029 2056 3523
Web Site : WWW.LLANDAFF.COM

LLANDAFF ENGINEERING COMPANY LTD. REGISTERED NUMBER 798364 LONDON VAT NUMBER 134367277

Certificate Of Conformity

Deliver to

Pirelli Cables Components Unit
PLANT 58, COMPONENTS DIVISION
PIRELLI CABLES LIMITED
HALL LANE
PRESCOTT, MERSEYSIDE
L34 5UR

Invoice to

Pirelli Cables Components Unit
PO Box 4
Hall Lane
Prescot
Merseyside
L34 5UR

Our VAT reg

Delivery no
27810

Account code
BICC00184

Delivery date
28/08/02

Item	Part no	Your part no	Your order no	Qty ordered	Qty balance	Qty despatched
1	PICALBNL42 6" CONFLAT FLANGE TO DRG. LBNL42 Complete Order Item *Delivered by Parceline*		4500129463 *UOM* : EACH *Our order* : 10156/1	20.000	0.000	20.000

CONFIRMATION

Signature

The above items have been manufactured using Llandaff Engineering's Quality Management system's accredited to BS.EN.ISO 9002 (1994) and unless stated comply in all respects to your requirements.

LLANDAFF ENGINEERING

PAPERMILL ROAD,
CARDIFF. CF11 8PH UK
TEL: 029 2083 8300
FAX: 029 2056 5125
FAX: 029 2056 3523

Web Site : WWW.LLANDAFF.COM

LLANDAFF ENGINEERING COMPANY LTD. REGISTERED NUMBER 798304 LONDON VAT NUMBER 134387277

Certificate Of Conformity

Deliver to

Pirelli Cables Components Unit
PLANT 58, COMPONENTS DIVISION
PIRELLI CABLES LIMITED
HALL LANE
PRESCOTT, MERSEYSIDE
L34 5UR

Invoice to

Pirelli Cables Components Unit
PO Box 4
Hall Lane
Prescot
Merseyside
L34 5UR

Our VAT reg

Delivery no
28137

Account code
BICC00184

Delivery date
9/27/02

Item	Part no	Your part no	Your order no	Qty ordered	Qty balance	Qty despatched
1	PICALBNL32 6" ROTATABLE CONFLAT FLANGE TO DRG. LBNL32 Complete Order Item		4500131112 *UOM* : EACH *Our order* : 10243/1	40.000	0.000	40.000

DELIVERED BY PARCELINE

Signature

The above items have been manufactured using Llandaff Engineering's Quality Management system's accredited to BS.EN.ISO 9002 (1994) and unless stated comply in all respects to your requirements.

DMS

TOTAL P. 02

FAO A JONES 2 SHEETS
1 OF 2

· COPER AND BRASS MILLS SEVOJNO ·

UŽICE
YUGOSLAVIA

CERTIFICATE

N° 428.-

DATE 11.05.01.

CUSTOMER: ~~EAST POINT~~ THE METAL CENTRE

FORM: Copper sheshs

Quantity Net: 8.385 kg Btt: 8.913 kg.

STANDARD: BS EN 1652

Material

Temper

CUSTOMER'S REF. 7358

Export ref. 16943/87-A

Sample N°	CHEMICAL COMPOSITION, (%) Cu	P				MECHANICAL, METALLOGRAPHICAL AND TEHNOLOGICAL PROPERTIES Tensile strenght Rm	Yield strength Rp	Elongation % 10	Hardness scale	Average Grain size (mm)	
	CW 024A 2,0 x 1000 x 2000 mm = 2.173 kg.										
1623/1	99,90	0,026				277,2		37,6			
2						284,5		36,4			
3						275,9		38,0			
	CW 024A 3,0 x 1000 x 2000 mm = 3.125 kg.										
1644/1	99,90	0,022				274,8		37,4			
2						271,6		37,6			
3						276,6		37,0			
4						272,9		38,6			
	CW 024A 1,5 x 1000 x 2000 mm = 1.557 kg.										
1683/1	99,90	0,025				266,7		39,6			
2						271,0		40,0			
	CW 024A 0,55 x 1000 x 2000 mm = 1.530 kg.										
1704/1	99,90	0,022				272,6		39,8			
2						272,0		38,4			

121260-01-04

121261-01-06

121262-01-03

121263-01-03

- 380 -
3.1.b.

CONTROL'S DEPARTMENT

T. Cvijanović

FO.KK.10.110

INVOICE TO:

LLANDAFF ENGINEERING LTD
PAPERMILL ROAD
ELY
CARDIFF. SOUTH GLAM.

CF1 6UH DELIVERY DUE : 25/06/01

DELIVERED 22/06/01 11:06 Page 01/01

LLANDAFF ENGINEERING LTD
PAPERMILL ROAD
ELY
CARDIFF. SOUTH GLAM.
1/1
CF1 6UH

IRF No.	ACCT No.	CUSTOMER ORDER REF.	DATE	PAYMENT TERMS
		CFN20194		

BG BGDE 0149554

PRODUCT CODE	QUANTITY	DESCRIPTION	PRICE PER UNIT	VAT CODE	No. OF UNITS	LINE VALUE
010999	5.00 SHT	BS.EN1653:1998/BS2870:1980/C105 CU SHT CW024A/C106 H/H 2000mm X 1000mm X 2.0mm Batch ID---- Cast No.-- Cert.No.- QA- 181260- 1- 0 1623/1 423			218.00	

P/NO R300.762

GRN 26777

AS ABOVE 25.6.01

CUSTOMER CONTRACTOR

Certified that the supplies detailed hereon have been subject to the procedures of our ISO 9002 registered Quality System and fully comply with the requirements of the contract or purchase order, unless otherwise stated.

15:48 FROM 01514303666 TO

PMD (UK) LIMITED

Broad Lane, Coventry CV5 7AY
Tel: (02476) 466691, Fax: (02476) 473034
e-mail: sales@pmdgroup.co.uk

Delivery Note / Certificate of Conformity

BIC

Delivery / C of C Note No.	83439 / 0
Date	13/11/2002
Customer Order No.	4500134976
Customer Advice Note No.	
Incoming C of C No.	10785081
Delivery	Courier
Batch No.	83439 / 0

ıbles Ltd.
ents Unit
l
ter Road

de

	Part Number / Description	Process Comments
10.0	LBNL69V Lower Seal Braze Assy.	Bright Nickel 10.0 Microns.

396321

WE NOW CONSIDER THIS ORDER COMPLETE

the supplies / services detailed hereon have been inspected in accordance with the conditions and requirements of the purchase order and unless otherwise noted comply with the specification(s), drawing(s) relevant thereto.

behalf of PMD (UK) Limited

SSmith

Received on behalf of

Pirelli Cables Ltd.

Signature

Print Name

BS EN ISO 9001 1994

CERTIFICATE NUMBER FM 093

over

PMD (UK) LIMITED

Broad Lane, Coventry CV5 7AY
Tel: (02476) 466691, Fax: (02476) 473034
e-mail: sales@pmdgroup.co.uk

Delivery Note / Certificate of Confo

Delivery / C of C Note No.	83438 / 0
Date	13/11/2002
Customer Order No.	4500134978
Customer Advice Note No.	
Incoming C of C No.	10785059
Delivery	Courier
Batch No.	83438 / 0

Pirelli Cables Ltd.
Components Unit
PO Box 4
Manchester Road
Prescot
Merseyside
L34 5UR

Quantity	Part Number / Description	Process Comments
10.0	LBNL31V	Bright Nickel 10.0 Microns
	Termination assy.	

WE NOW CONSIDER THIS ORDER COMPLE

Certified that the supplies / services detailed hereon ha[illegible] and tested in accordance with the conditions and requi[illegible] contract or purchase order and unless otherwise noted [illegible] in all respects to the specification(s), drawing(s) relevan[illegible]

Signed for on behalf of PMD (UK) Limited

Received on behalf of

Pirelli Cables L

Print Name

BS EN ISO 9001 1994

CERTIFICATE NUMBER FM 093

For Conditions see over

PMD (UK) LIMITED

Broad Lane, Coventry CV5 7AY
Tel: (02476) 466691, Fax: (02476) 473034
e-mail: sales@pmdgroup.co.uk

Delivery Note / Certificate of Conformity

BIC

Delivery / C of C Note No.	83575 / 0
Date	14/11/2002
Customer Order No.	4500135403
Customer Advice Note No.	
Incoming C of C No.	
Delivery	
Batch No.	83575 / 0

Pirelli Cables Ltd.
Components Unit
PO Box 4
Manchester Road
Prescot
Merseyside
L34 5UR

Quantity	Part Number / Description	Process Comments
10.0	LBNL02AG	Silver 10.0 - 15.0 Microns
	Station 1	

397259

WE NOW CONSIDER THIS ORDER COMPLETE

fied that the supplies / services detailed hereon have been inspected
tested in accordance with the conditions and requirements of the
act or purchase order and unless otherwise noted above, in respect
respects to the specification(s), drawing(s) relevant [illegible]

d for on behalf of PMD (UK) Limited

C. M. Durant

Received on behalf of

Pirelli Cables Ltd.

Signature

Print Name

BS EN ISO 9001 1994

CERTIFICATE NUMBER FM 093

[illegible] over

PMD (UK) LIMITED

Broad Lane, Coventry CV5 7AY
Tel: (02476) 466691, Fax: (02476) 473034
e-mail: sales@pmdgroup.co.uk

Delivery Note / Certificate of Conformity

BIC

Delivery / C of C Note No.	83576 / 0
Date	14/11/2002
Customer Order No.	4500135403
Customer Advice Note No.	
Incoming C of C No.	
Delivery	BP - Next Day
Batch No.	83576 / 0

Pirelli Cables Ltd.
Components Unit
PO Box 4
Manchester Road
Prescot
Merseyside
L34 5UR

Quantity	Part Number / Description	Process Comments
10.0	LBNL19AG Station 1 Fixing Clamps	Silver 10.0 - 15.0 Microns

397259

WE NOW CONSIDER THIS ORDER COMPLETE

tified that the supplies / services detailed hereon have been inspected
tested in accordance with the conditions and requirements of the
ntract or purchase order and unless otherwise noted [illegible]
ll respects to the specification(s), drawing(s) relevant thereto

ed for on behalf of PMD (UK) Limited

Received on behalf of

Pirelli Cables Ltd.

Print Name

BS EN ISO 9001 1994

CERTIFICATE NUMBER FM 093

[redacted] Group

Member of Bodycote International Plc

[redacted]

VAT No.: [redacted]
FAX No.: [redacted]

TEL: [redacted]

INVOICE ADDRESS

[redacted]

DELIVERY ADDRESS

[redacted]

SERIAL NUMBER [redacted] PAGE: 1 DATE: [redacted]
ORDER ENTRY DATE: [redacted]

TRANSPORT DETAILS : ONE
WORKS ORDER No. : [redacted]
INCOMING ORDER No. : [redacted]
INCOMING CERT No. :
MATERIAL SPEC/ISSUE No.: [redacted]

LINE No.	JOB No.	DESCRIPTION	UNIT	QUANTITY
[redacted]	[redacted]	[redacted]	PIECE	[redacted]
			ITEMS	[redacted]
[redacted]	[redacted]	[redacted]	LOAD	[redacted]
			ITEMS	[redacted]

CERTIFICATE DECLARATION

Certified that the whole of the supplies/materials detailed hereon have been processed, inspected, tested and – unless otherwise stated – conform in all respects with the requirements of the contract, order or specifications.
The quality control arrangements adopted in respect of these supplies/materials have accorded with the conditions applicable to the following approvals:

[redacted]

Certified that unless otherwise stated above, the whole of the above mentioned materials and/or parts have been processed and inspected in accordance with the terms of the contract/order applicable thereto and conform fully to the standards/specification quoted hereon and the requirements of the Civil Aviation Authority.

For and on behalf of: [redacted]

Signed: [redacted]

Date: [redacted]

Insp. Stamp

DISTRIBUTION: White – Customer; Pink – Inspector; Blue – File; Green – Signature & Return

Standard Contract Conditions overleaf apply.

Issue 2 1/9/97

Vacweld

Vacweld Ltd
Folgate House, Folgate Road,
North Walsham, Norfolk, NR28 0AJ, England.
Tel: (01692) 500000 Fax: (01692) 500188
Email:sales@vacweld.co.uk
Web Site: www.vacweld.co.uk

CERTIFICATION OF CONFORMITY

This is to certify the components listed below have been manufactured to their relevant drawing numbers, unless otherwise agreed. The components have been welded, cleaned and leak checked to UHV standards.

ORDER NO: 4500126332

ADVICE NOTE NO: 438

QTY: 80 CONCESSIONS: -

PART/DRAWING NO: ULBNL23 ISSUE: 1

DESCRIPTION: LEAD THROUGH ASSY

SERIAL NO: -

CERTIFIED BY: Mr. D HARBOUR

POSITION: DIRECTOR DATE: 9th SEPTEMBER 2002

PRINT NAME: D HARBOUR SIGNED: