



REF	DRG No.	DESCRIPTION	QTY	REMARKS
1	001-12888	DN40 TEE	2	
2	001-14202	M8 T-NUT (HEPCO HTN M8)	32	
3	001-14360	MDC UHV BURST DISK	1	
4	001-15072	VAT ALL METAL VALVE SERIES 54	1	
5	001-15654	DN200CF-DN100CF ZERO LENGTH ADAPTER PN FL-Z200-100	1	
6	048-037-01-B	34 OD FIXED KNIFE EDGE FLANGE - BLANK	1	
7	048-037-13-B	152 OD FIXED KNIFE EDGE FLANGE - BLANK	1	
8	048-037-13-BT	152 OD FIXED KNIFE EDGE FLANGE - BLANK - TAPPED	3	
9	048-037-19-B	254 OD FIXED KNIFE EDGE FLANGE - BLANK	1	
10	289-10307	ADJUSTING PLATE	6	
11	289-10308	BRASS TIPPED STEEL SET SCREW M12x100 (ONDRIVES GNI3858)	4	
12	289-10309	WIXROYD PUSHER SCREW - M8 x 65 (3416.W290)	10	
13	289-10346	M6 SLOT SCREW ADAPTOR	4	
14	289-10351	CORRECTOR COIL SUPPORT	1	
15	289-10427	MAGNET SUPPORT ASSEMBLY	2	
16	289-10452	VESSEL SUPPORT BEAM	2	
17	289-10591	COLD CATHODE SENSOR	1	
18	289-10592	PIRANI SENSOR	1	
19	289-10774	C6 CORRECTOR MAGNET	1	
20	289-10802	BEAM PIPE ASSEMBLY DgLg - BPI	1	
21	289-10808	BEAM PIPE ASSEMBLY DGI	1	
22	289-10811	GIRDER / PEDISTAL ASSEMBLY	1	
23	289-10822	SUPPORT BRACKET ASSEMBLY	2	
24	289-10939	NexiTorr 500 PUMP	1	
25	289-11435	Q7C100 QUADROPOLE MAGNET	1	
26	289-11436	Q7C101 QUADROPOLE MAGNET	1	
27	289-11568	ADJUSTING BLOCK	4	
28	289-11578	ADJUSTING PLATE	4	
29	HHS-040-025	M4 x 20 LG HEX HD SCREW	6	
30	HHS-060-025	M6 x 25 LG HEX HD SCREW	4	
31	HHS-060-040	M6 x 40 LG HEX HD SCREW	36	
32	HHS-080-025	M8 x 25 LG HEX HD SCREW	32	
33	HHS-080-040	M8 x 40 LG HEX HD SCREW	48	
34	HHS-080-055	M8 x 55 LG HEX HD SCREW	32	
35	HHS-080-060	M8 x 60 LG HEX HD SCREW	28	
36	HHS-100-035	M10 x 35 LG HEX HD SCREW	32	
37	NUT-040	M4 HEX NUT	6	
38	NUT-060	M6 HEX NUT	36	
39	NUT-080	M8 HEX NUT	46	
40	NUT-120	M12 HEX NUT	4	
41	SHS-060-020	M6 x 20 LG HEX SKT HD CAP SCREW	20	
42	SHS-060-035	M6 x 35 LG HEX SKT HD CAP SCREW	4	
43	WAS-040	M4 PLAIN WASHER	12	
44	WAS-060	M6 PLAIN WASHER	86	
45	WAS-080	M8 PLAIN WASHER	170	
46	WAS-120	M12 PLAIN WASHER	4	

RELEASE STATUS		Approved	
WELDING SPEC		-----	
MATERIAL SPEC		-----	
MATERIAL		SEE BOM	
TOLERANCES UNLESS OTHERWISE STATED			
LINEAR DIMENSIONS UP TO - ± - ; OVER - ± -			
ANGULAR DIMENSIONS ± -			
SCALE 1:10		0 10000	
ALL DIMENSIONS IN mm's UNLESS OTHERWISE STATED			
DRN.	PMC	SCIENCE AND TECHNOLOGY FACILITIES COUNCIL	
DATE.	18/04/17	DARESURY LABORATORY	
CKD.	RJS	CHESHIRE	
DATE.	28/11/19	TITLE	
APPD.	RJS	ESS BEAM TRANSPORT	
DATE.	28/11/19	DOG LEG 1 LWU	
		DGI & DMP-BPI (PIPE 4 & 5)	
DRAWING N°		SHEET 1 OF 2	
A0		289-10807	
PROJE CAD PART N°		289-10807	
USED ON			
CONTRACTORS COMPANY			
CONTRACTORS DRG N°			

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A FIRST ISSUE