



Materials applied in the construction are submitted to the approval of the vacuum group.
 Any part of the vacuum system showing a room temperature calculated leak rate, when measured with a calibrated UHV leak detector according to ASTM E498-95 (2000), in excess of 2.0×10^{-11} Pa.m³.s⁻¹ (2.0×10^{-10} mbar.l.s⁻¹) will be considered as unacceptable.
 All surfaces in contact with vacuum shall be cleaned and degreased and free from contamination, dirt, welding scale and oil, according to DIN norm 25410 grade 1. A cleaning procedure applied at CERN (CERN report: procédure qualité 867.11, 867.15, 867.16 of 2003) can be provided if necessary. Any cleaning procedure different from this shall be submitted to CERN's approval.
 Outgassing rate after 10h pumpdown shall be inferior to 5.10-10 Pa.m³.s⁻¹ cm⁻² (5.10^{-9} mbar.l.s⁻¹.cm⁻²).

QNA	DESCRIPTION	POS	MAT.	OBSERVATIONS	REF. CERN
2	PFEIFFER TURBO PUMP TMU 521 F	13			ST003599
2	TURBO PUMP PFEIFFER TMU 521 F DNI	13			
3	UHV GATEVALVE VAT 10844-CE48	12			ST0035940
3	VANNE UHV VAT 10844-CE48	12			
1	PENNING-PIRANI GAUGE ASSEMBLY	11			ST0035937
1	ENSEMBLE JAUGE PENNING-PIRANI	11			
26	CLAMP ASSEMBLY	10			ST0044981
2	ENSEMBLE CRAPAUD	10			SPLMHQST0028
2	TARGET ASSEMBLY	9			ST0138307
2	ENSEMBLE WIRE	9			SPLHLBT0006
2	LEBT 2 ASS	8			ST0145555
2	LEBT 2 ASS	8			SPLJMCAN0005
1	BEAM CURRENT TRANSFORMER ASSEMBLY	7			ST0044221
1	ENS TRANSFORM. COURANT FAISCEAU	7			SPLJLFL0017
1	DOWNSTREAM SOLENOID ASSEMBLY	6			ST0035942
1	ENSEMBLE SOLENOIDE AVAL	6			SPLJLFL0005
1	UPSTREAM SOLENOID ASSEMBLY	5			ST0035941
1	ENSEMBLE SOLENOIDE AMONT	5			SPLJLFL0004
1	DIAGNOSTIC ASSEMBLY	4			ST0035919
1	ENSEMBLE DIAGNOSTIC	4			SPLJLFL0002
1	SOURCE ASSEMBLY	3			ST0035580
1	SPLNFHR_0001	3			SPLNFHR_0001
1	ALUMINIUM FARADAY CARRIAGE	2			ST0224929
1	CHARIOT FARADAY ALUMINIUM	2			SPLNFHR_0187
1	SUPPORT GIRDER ASSEMBLY	1			ST0012280
1	ENSEMBLE POUTRE SUPPORT	1			SPLHALBT0001

ENG/ASS	DESIGNER	DATE	SCALE	REVISION	DATE
	B. RIFFAUD	2010-08-10	1:10	0	
	N. TIMING	2010-08-25			
	A. DALLOCHIO	2010-08-27			
	C. ROSSI	2010-10-25			

LEBT INSTALLATION LAYOUT
 LEBT ASSEMBLY
 LEBT LAYOUT D'INSTALLATION LEBT
 ENSEMBLE LEBT

RELEASED BY: PROJECT LEADER OFFICE FOR PRODUCTION
 REPLACES: SPLJLFL0001

REVISIONS, MODIFICATIONS, TELEPHONES
 ACCORDING TO THE STANDARDS
 PROJECTOR