



# PEEKAY STEEL CASTINGS (P) LTD

4/242 Chinnamaddampalayam, Billichchi Post,  
Coimbatore - 641019

## INSPECTION CERTIFICATE

EN 10204.3.1 and LGS 0213

Customer:	Order No/Date	Internal Reference	TCNo	PKC/EXP/381/GST/1819/4
LESER GmbH Co. KG	4500230256 & 06/09/18	.....	Date	01-Dec-2018
F.P. No	Part Name	Drawing No	Item Code / Part No	
LS18B	DN100X150 PN40X16 BODY	109.2400-05-B01/B02	109.2420.9000	
Specification /Material				No.of pieces
ASME SA216 Gr.WCB/WCC/EN10213:2016 1.0619				32

Heat treatment	Melting Process	State of Delivery
Normalising at 920°C Soaking 7 Hrs Air Cooled	INDUCTION	Unmachined

Element	C	Mn	Si	P	S	Cr	Ni	Cu	Mo	V	Res					
Min. Specified	0.180	0.500	0.300	...	...	...	...	...	...	...	...					
Max. Specified	0.230	1.200	0.600	0.030	0.020	0.300	0.400	0.300	0.120	0.030	1.000					
Heat No	Qty															
E6040	4	0.197	0.983	0.362	0.016	0.013	0.066	0.037	0.018	0.006	0.001	0.129				
E6041	4	0.201	0.988	0.374	0.017	0.010	0.066	0.037	0.016	0.006	0.001	0.127				
E6058	7	0.189	0.892	0.361	0.014	0.012	0.261	0.090	0.021	0.029	0.001	0.402				
E6059	4	0.187	0.912	0.365	0.020	0.011	0.223	0.066	0.017	0.049	0.001	0.356				
E6073	13	0.187	0.962	0.382	0.013	0.012	0.074	0.082	0.014	0.008	0.001	0.179				


Mechanical	Yield	Tensile	Elongation	Reduction	Hardness	Impact value charpy-V ASTM-370/			
Properties	Strength	Strength	GL=62.50	of Area		ISO 148 at 20°C in KV(J)			
Min	275	485	22	35	...	(10mm x 10mm x 55mm) CVN 2mm			
Max	...	600	...	...	237	Single & Avg value 27 J			
Heat Code	Mpa	Mpa	%	%	HBW	1	2	3	Avg
E6040	324.00	530.00	28.54	56.27	152	86	84	82	84
E6041	326.00	539.00	28.54	56.27	159	96	82	84	87
E6058	302.00	523.00	28.54	55.14	156	95	98	76	90
E6059	332.00	546.00	28.45	55.42	159	76	81	85	81
E6073	339.00	548.00	28.48	57.04	152	82	86	85	84

### Remarks/Observations

Material According to: LDeS3290.04, LDeS3289.07 & ASME Section VIII & IIA SA216 Gr.WCB/WCC/EN 10213:2016 1.0619, EN10168 & NACE MR0175/ISO15156, MR0103, PED 2014/68/EU, AD2000 Merkblatt: A2, W5.  
Casting conforming to Quality Level D as per DIN 1690 part 10 & 1559-1, 1559-2.  
Visual inspection of Casting: Satisfactory According to MSS-SP-55 & BNIF 359-01.  
Dimensional inspection: Satisfactory, According to Approved Drawing  
Castings are free from radio active contamination.

Certified that the above mentioned material have been manufactured, tested and inspected in compliance with the requirements of Purchase order, conform in all respects to the relevant specification and drawings.

Suppliers Logo	Prepared by	Stamp	Approved by	
PKC	 Akshay Prabaker		 Vijaya Kumar K	