

Notified Body for Pressure Equipment Directive (PED), Reg. No. 0045

Scope of approval for material manufacturer acc. to Pressure Equipment Directive 97/23/EC, annex I, sec. 4.3 and AD 2000-Merkblatt W0

Systems

Firm : CHAUDHRY HAMMER WORKS LTD  
Place: Ghaziabad - Uttar Pradesh, India

Annex to the certificate  
PED no : 07 202 1423 WZ 1155 08  
AD 2000-W0 no :

Date : 16.08.2008  
File no : SEP-688/08  
File no :

Item No.	Name of material Material number	Specification	Condition of delivery	Type of product	Dim. [mm] Thickness	Dim. Ø [mm] Weight [kg. t]	Regulations Requirements	Remarks	
1	2	3	4	5	6	7	8	9	
1	A105	ASTM A105	+N	FLANGES & FORGINGS	FLANGES	DN 15 TO DN 1200	97/23/EC		
2	LF 2	ASTM A350	+N/+NT				Min		97/23/EC
3	F1	ASTM A182	+NT				Max		97/23/EC
4	F11	ASTM A182	+NT		PRESSURE	PN 160 /CL 2500	97/23/EC		
5	F12	ASTM A182	+NT				Max		97/23/EC
6	F5	ASTM A182	NT		TUBESHEETS	2500 mm OD 450 mm THK	97/23/EC		
7	F6a	ASTM A182	+NT				97/23/EC		
8	F9	ASTM A182	+NT				97/23/EC		
9	F22	ASTM A182	NT		RINGS	3000 mm OD 450 mm THK	97/23/EC		
10	F51	ASTM A182	+AT / AT				Max		97/23/EC
11	F304, F304L	ASTM A182	+AT / AT				97/23/EC		
12	F316, F316L	ASTM A182	+AT / AT		97/23/EC				
13	F321	ASTM A182	+AT / AT		97/23/EC				
14	F347	ASTM A182	+AT / AT		97/23/EC				
15	F-51	ASTM A182	+AT / AT		97/23/EC				

TÜV-CERT  
Certification Body for Pressure Equipment  
of TÜV NORD Systems GmbH & Co. KG (Essen)



Explanation: +AT/ AT = solution heat treated

N = normalized

NT = normalized and annealed

PH =Precipitation Hardening

+QT / V = quenched and tempered

U = without annealing

A = soft annealed

M = thermomechanical treated

S = stress relieved

CR = controlled hot rolled