



# LLOYDS LINE PIPES LIMITED

(100 % SUBSIDIARY OF APL APOLLO TUBES LIMITED)



ORIGINAL

95411-2011-CPD-IND

M/S PEKARI AG

Alpenstrasse 14

CH-6300 Zug, SWITZERLAND

Manufactures of:

ERW GALVANIZED & BLACK STEEL TUBES & PIPES & HOLLOW SECTIONS

Regd. Office : 37, Hargobind Enclave, Vikas Marg, Delhi-110092 (INDIA)

Tel : 0091-11-22373437 (6Lines) E-mail : aplapollo@aplapollo.com

MILL TEST REPORT AS SPECIFIED IN EN 10 240/3.1

Test Certificate No. LLP/OC/14- 2015

Date 08/12/2015

QA-F-15 E

PRIME WELDED STEEL TUBES OUT OF NEW PRODUCTION AND IN FULL COMPLIANCE WITH EN 10255 (LATEST VERSION) AND EN 10240/A.1 (LATEST VERSION), OTHER WISE AS PER CONTRACT NO. 1168/15 DATED NOVEMBER 6, 2015.

We Certify that the Tubes fully comply with the requirements of the latest Governing standards EN 10255 AND EN 10240. This certificate is issued in accordance with 3.1 of EN - 10204.

Intended use- Steel tubes for use in installations for the distribution of aqueous liquids, gas and fuel.

## TEST RESULTS

Order No. & Date	Size & class/ Type	Heat No	Quantity (Pcs.)	CHEMICAL COMPOSITION						MECHANICAL PROPERTIES				GALVANIZING		Batch No	
				C %	Mn %	P %	S %	SI %	Al %	Upper Yield Strength	Tensile Strength	% Elongation	Flattening/ Bend Test	Leak Tightness	Coating Thickness (µm)		Adhesion Test
	STANDARD VALUE			Max. 0.20	Max. 1.40	Max. 0.035	Max. 0.030	-	-	Min. 195	Min. 320 to 520	Min. 20%					
	33.7 X 3.20 MM	15101373	8827	0.044	0.102	0.008	0.006	0.011	0.041	300	408	32	PASS	PASS	61	PASS	2151106A
	48.3 X 3.20 MM	15102074	2684	0.032	0.108	0.010	0.007	0.009	0.042	300	396	32	PASS	PASS	61	PASS	3151109A
	60.3 X 3.60 MM	15402393	518	0.055	0.102	0.014	0.006	0.015	0.044	355	397	38	PASS	PASS	61	PASS	1151105B
	76.1 X 3.60 MM	15202039	37	0.041	0.112	0.011	0.006	0.017	0.042	375	425	33	PASS	PASS	60	PASS	5151107B
	114.3 X 4.50 MM	15102100	152	0.036	0.109	0.011	0.003	0.019	0.046	310	415	32	PASS	PASS	64	PASS	5151125A

DOCUMENTARY CREDIT NUMBER: L115B00517  
DT. 151113

- Reaction to fire : Euro class A1
  - Minimum specified yield strength : 197 MPa (Cl. 8.2 and Table 1)
  - Durability : Galvanized Min. - 55 µm (Cl. 7.4)
  - Dimensions : Pass
  - Leak tightness : Pass (Cl. 9.6)
- Invoice no. LLP/EXP/136/15-16 DATE 30.11.2015

TYPE OR SERIES: MEDIUM, PLAIN ENDS

MARKING AND IDENTIFICATION STRICTLY NO COLOR MARKING ON THE TUBES AT ALL BUT ONLY TWO NEW: GAL AND WATERPROOF METAL OR PLASTIC TAGS AT EACH BUNDLE SHOWING: PEKARI-1168 - ANTWERP/BELGIUM- MANUFACTURER'S NAME OR TRADE MARK - SIZE - LENGTH - EN 10219/10240/A.1 - S235JRH - P (APL BATCH NO.) - CE - HEAT NO.

SURFACE APPEARANCE: GALVANIZED

SHAPE: ROUND

For Apl Apollo Tubes Limited

Authorized Signature