

# MILL TEST CERTIFICATE

Certificate No.: TSDL-160447  
 Issuing Date: 2016/9/12  
 Number of Original MTC: THREE (3)

**Mill:** TANGSHAN DIANLI LIGHT STEEL PRODUCT CO., LTD  
 ADD: WEST HUANGGEZHANG VILLAGE, FENGRUN TOWN, FENGRUN DISTRICT,  
 TANGSHAN CITY, HEBEI, CHINA  
**Customer:** PLESA ANAHUAC Y CIAS SA DE CV, MEXICO

SIZE	QUANTITY (MT)	HEAT NO	QUALITY	CHEMICAL COMPOSITION (%)										MECHANICAL PROPERTIES				
				C	Mn	Si	P	S	Ni	Cr	Mo	Cu	V	Nb	TENSILE STRENGTH (Mpa)	BEND TEST	YIELD STRESS (Mpa)	ELONGA GAUGE (%)
C15X33.9 LBS/FTX12.192M	19.68	TSDL-C16044701	ASTM A572 GR50	0.18	1.33	0.28	0.030	0.013	0.0076	0.028	0.0011	0.0094	0.043	0.0038	566	OK	382	
C12X25.0 LBS/FTX12.192M	43.33	TSDL-C16044702	ASTM A572 GR50	0.14	1.21	0.24	0.028	0.016	0.0079	0.025	0.0014	0.0089	0.040	0.0042	564	OK	386	
C12X20.7 LBS/FTX12.192M	60.12	TSDL-C16044703	ASTM A572 GR50	0.17	1.25	0.27	0.026	0.014	0.0080	0.023	0.0012	0.0085	0.042	0.0039	559	OK	391	
<b>TOTAL</b>	<b>123.13</b>																	

INVALID FOR HANDWRITTEN, NO STAMP, ANY CHANGE  
 OTHER MICROELEMENT CONTENT ARE GUARANTEED

Signed and Stamped by:

