



Head Office : 395/5 Silom Road, BangRak, Bangkok 10500, Thailand. Tel: (662)-2377230-40 Fax : (662)-2366627, 2377241
Production Plant : 33/3 GP. 7, Soi Pon-Chareon, K.M. 16.5 Bangna-Trad Road, Bangplee, Samulprakan 10540, Thailand
website : www.ttu.co.th email address : sale001.ttu@ttugroup.com, chris.ws@ttugroup.com

MANUFACTURER'S CERTIFICATE

(Mill Test Certificate) DIN 50049-3.1-B / EN 10204-3.1

Table with 4 columns: Field, Value, Certificate No, and Value. Fields include Purchaser (PLESA ANAHUAC Y CIAS.,SA DE C.V.), Product (SEAMLESS STEEL WELDING FITTING), Specification (ASTM A-234 WPB - 2014, ASME SA234 WPB 2013 ED., NACE MR-01-75 2009 /NACE MR-01-03 2012 ED.), Certificate No (150091), Order No (PTU-MXPLESA-14-1022AC), Date (MAY 4, 2014), and L/C No (T/T).

Table with 4 columns: Raw Material Standard, Inspection Standard, Visual Inspection, and Dimensional Inspection. Values include PIPE: ASTM A106 B/ A53B / API5LB, PLATE: ASTM A516 Gr 50 / 60, ANSI B16.9 - 2012, ANSI B16.28, PASS, and PASS.

Table with 7 columns: Product & Size (inch), Heat ID., Quantity, Heat NO., Raw Material Maker, and Net Wts KG. Lists 8 items including 90 ELBOW LR SCH80, 45 ELBOW LR SCH80, TEE SCH80, and RED TEE SCH80 with their respective specifications and weights.

Table with 19 columns: Standard, Chemical Composition % (C, Si, Mn, P, S, Cu, Ni, Cr, Mo, V, Nb, Al), Mechanical Test (YS, TS, E), Average Hardness, and CE Long Formula. Includes Min. and Max. values and a detailed list of 8 items with their chemical and mechanical properties.

COUNTRY OF EXPORT : THAILAND
COUNTRY OF ORIGIN : THAILAND

- We hereby certify that the products described herein have been manufactured, inspected and conforms to standard as specified above.
ALL FITTINGS ARE HEAT TREATED TO MEET NACE MR0175-03 STANDARD SPECIFICATION AT 650-680 C x 1.0 HR.
CE = C + (Mn/6) + (Cr + Mo + V)/5 + (Ni+Cu)/15
ALL TEES ARE TESTED BY MAGNETIC PARTICLE EXAMINATION (MT)

Handwritten signature of the Chief of Quality Assurance Dept.

Chief of Quality Assurance Dept