



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 (Purchaser, Product, Specification), Value (PLESA ANAHUAC Y CIAS., SA DE C.V., SEAMLESS STEEL WELDING FITTING, ASTM A-234 WPB - 2011A, ASME SA234 WPB), Certificate No (150018), Order No (PTU-MXPLESA-14-1022AC), Date (FEBRUARY 16, 2015), L/C No (T/T)

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

Table with 6 columns: Product & Size (inch), Heat ID., Quantity, Heat NO., Raw Material Maker, Net Wts KG. Lists 12 items including RED TEE STD, CON RED STD, and 90 ELBOW LR SCH80.

Table with 18 columns: Standard, Chemical Composition % (C, Si, Mn, P, S, Cu, Ni, Cr, Mo, V, Nb, Al), Mechanical Test (YS, TS, E), Average Hardness, CE Long Formula. Includes Min/Max values and a detailed list of 12 items.

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 and stamp of the Chief of Quality Assurance Dept.