



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, Samutprakan 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: Purchaser, Product, Specification, Certificate No, Order No, Date, L/C No. Values include PLESA ANAHUAC Y CIAS., SA DE C.V., SEAMLESS STEEL WELDING FITTING, ASTM A-234 WPB - 2011A, ASME SA234 WPB, 120674, PO. 13745, AUGUST 11, 2012, T/T.

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

Table with 5 columns: Product & Size (inch), Heat ID., Quantity, Heat NO., Raw Material Maker. Lists 11 items including RED TEE STD and CON RED STD with various sizes and quantities.

Table with 18 columns: Standard, Chemical Composition %, Mechanical Test, Average Hardness, CE Long Formula. Contains detailed chemical and mechanical test data for 11 items.

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 blue circular stamp of TTU Industrial Corp., Ltd. Chief of Quality Assurance Dept.