



MANUFACTURER'S CERTIFICATE

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

Table with 4 columns: Field, Value, Certificate No, and Order No. Fields include Purchaser (PLESA ANAHUAC Y CIAS, SA DE C.V.), Product (CARBON STEEL FITTINGS), Specification (ASTM A-234 WPB / NACE MR-01-75 / ASME SA234 WPB), Certificate No (130115), Order No (PO. 13745), Date (FEBRUARY 28, 2013), and L/C No (M929152).

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, ANSI B16.28, PASS, and PASS.

Table with 5 columns: Product & Size (inch), Heat ID., Quantity, Heat NO., and Raw Material Maker. Lists 11 items of 90 ELBOW LR STD in various sizes from 4" to 24" with corresponding quantities and heat numbers.

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, and CE Long Formula. Includes Min. and Max. values and a list of 11 items with their respective chemical and mechanical properties.

- 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 title: Chief of Quality Assurance Dept