#RK-1 STANDARD RADIOGRAPHIC TESTING KIT

THE RADIOGRAPHIC KIT CONTAINS: 8 Plates, 1 Pipe & 1 Tee / Carbon Steel

Each specimen contains 2 "REAL FLAWS," randomly placed.

Kit Specifications: 10 specimens (5) Plates: 0.375"T x 4" x 8" (3) Plates: 0.625"T x 4" x 8" (1) Tee: 0.375"T x 4" x 8" x 4" (1) Pipe: 4" Sch80 (0.337" wall)

Actual X-Ray film is provided for each specimen. Specimens are packaged in 2 FREE CARRYING CASES. Complete with Document Package with "Flaw Truth" documented by CAD drawings with a Standard Tolerance of (+ / -) 0.150" (4mm), CAD Drawings, RT Film and Test Sheets.

The Standard Radiographic Examination Kit contains 20 flaws similar to those shown in the cross section drawings below.



- 12 Root Crack in SV
- 14 Centerline Crack SV (Surface breaking)
- 15 Centerline Crack, SV (Sub-surface)
- 30 Porosity SV / DV
- 31 Porosity Fillet (sub surface)
- 34 Single Gas Pore SV
- 36 Slag Inclusion SV (root area)
- 37 Slag Inclusion SV (weld groove area)
- 38 Slag Inclusion Fillet (root area)
- 39 Tungsten Inclusion SV (root area)
- 56 Incomplete Root Penetration SV
- 57 Incomplete Root Penetration DV
- 59 Incomplete Groove Weld (crown area)
- 70 Root Concavity SV
- 71 Excess Root Penetration SV
- 72 Misalignment Root & Crown SV
- 90 Weld Splatter SV
- 92 Chipping Hammer Marks SV

See Pages 3-5 for Cross Section Views

Shipping Weight 65 lbs



