

#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.

Flaws Included:

- 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

