

ROD BAFFLE HEAT EXCHANGER INSPECTION CHECKLIST

CUSTOMER _____ FABRICATOR _____ DATE _____
 SERVICE _____ DRAWINGS _____ INITIALS _____

PARAMETER	STATUS		COMMENTS
Baffle Fixture & TEMA Fabrication Procedures Utilized?	YES	NO	
Correct Tube Type and Diameter (Bare or Finned)?	YES	NO	
Support Rod Diameter Correct?	YES	NO	
Support Rods Located Between Alternate Tube Rows?	YES	NO	
Support Rod Orientation Correct (Horizontal, Vertical)	YES	NO	
Support Rods Extension (< 1/16 in.) from Baffle Ring O.D.?	YES	NO	
Rod Baffle & Combination Baffle Spacing (6 in. & 3 in.)?	YES	NO	
Type of Rod Baffle Ring (Plate or Rod) Correct?	YES	NO	
Number of Cross Support Strips Correct?	YES	NO	
Partition Blockage Plates Contact Adjacent Tubes?	YES	NO	
Impingement Plates Contact Adjacent Tubes?	YES	NO	
Longitudinal Tie Bars at Correct Angular Locations?	YES	NO	
Longitudinal Tie Bars Extend to Fixed Tubesheet?	YES	NO	
Longitudinal Tie Bars not Welded to Floating End?	YES	NO	
U-Bend Tubes Adequately Supported?	YES	NO	
Annular Distributor Dimensions Correct?	YES	NO	
Weld Joint Quality Acceptable?			
a) Support Rods-to-Baffle Rings	YES	NO	
b) Support Rods-to-Cross Support Strips	YES	NO	
c) Impingement Blockage Plates-to-Baffle Rings	YES	NO	
d) Partition Blockage Strips-to-Baffle Rings	YES	NO	
e) Longitudinal Tie Bars-to-Baffle Rings	YES	NO	
f) Longitudinal Tie Bars-to-Fixed Tubesheet	YES	NO	
Are Accessible Tubes Tight & Resistant To Movement?	YES	NO	
Is Overall Workmanship of Acceptable Quality?	YES	NO	