



# PLANT WALKTHROUGH INSPECTION

Plant location : \_\_\_\_\_  
 Date : \_\_\_\_\_  
 Time : \_\_\_\_\_

Inspector : \_\_\_\_\_  
 Material being coated : \_\_\_\_\_  
 \_\_\_\_\_  
 Stencil : \_\_\_\_\_

## Air Supply Equipment and System

Compressor \_\_\_\_\_ PSI \_\_\_\_\_ Oil \_\_\_\_\_  
 Dryer \_\_\_\_\_ Dewpoint \_\_\_\_\_ Desi. \_\_\_\_\_  
 Maintenance issues required \_\_\_\_\_  
 \_\_\_\_\_

## Abrasive Blast Cleaning Equipment and System

Collector \_\_\_\_\_ PSI \_\_\_\_\_ Cartridge \_\_\_\_\_  
 Blast motors Belts \_\_\_\_\_ Bearings \_\_\_\_\_  
 TE \_\_\_\_\_ BE \_\_\_\_\_ TW \_\_\_\_\_ BW \_\_\_\_\_  
 Cabinet \_\_\_\_\_ Air wash \_\_\_\_\_ Screen \_\_\_\_\_  
 Elevator \_\_\_\_\_  
 Maintenance issues required \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## Induction Heating Equipment and System

H20 psi \_\_\_\_\_ H20 temp \_\_\_\_\_ Coil \_\_\_\_\_  
 Amps \_\_\_\_\_ Volts \_\_\_\_\_ Freq. \_\_\_\_\_  
 Cool tower \_\_\_\_\_ Pump \_\_\_\_\_ Piping \_\_\_\_\_  
 Maintenance issues required \_\_\_\_\_  
 \_\_\_\_\_

## Powder Application Equipment and System

Powder room storage temperature \_\_\_\_\_  
 Fluid bed \_\_\_\_\_ Pumps \_\_\_\_\_ Fire \_\_\_\_\_  
 Collector \_\_\_\_\_ Dryer \_\_\_\_\_ Mag. \_\_\_\_\_  
 Venturi \_\_\_\_\_ Guns \_\_\_\_\_ Hoses \_\_\_\_\_  
 Maintenance issues required \_\_\_\_\_  
 \_\_\_\_\_

## Water Quench Equipment and System

Pumps \_\_\_\_\_ Cooler \_\_\_\_\_ Piping \_\_\_\_\_  
 Booth \_\_\_\_\_ Trough \_\_\_\_\_ Nozzles \_\_\_\_\_  
 Maintenance issues required \_\_\_\_\_  
 \_\_\_\_\_

## Custom Seives Equipment and System

Conveyor \_\_\_\_\_ Ovens \_\_\_\_\_ Shear \_\_\_\_\_  
 Saw \_\_\_\_\_ Racks \_\_\_\_\_ Detergent \_\_\_\_\_  
 Acid \_\_\_\_\_ Rinse \_\_\_\_\_ Cranes \_\_\_\_\_  
 Corrective action required \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## Customer Material Storage and Identification

Tags \_\_\_\_\_ Racks \_\_\_\_\_ Dunnage \_\_\_\_\_  
 Contamination \_\_\_\_\_  
 Damage \_\_\_\_\_  
 Corrective action required \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## Facility Inspection

Cranes \_\_\_\_\_ Forks \_\_\_\_\_ Trucks \_\_\_\_\_  
 Scrap \_\_\_\_\_ Trash \_\_\_\_\_ Bldg \_\_\_\_\_  
 Fire \_\_\_\_\_ Safety \_\_\_\_\_  
 Corrective action required \_\_\_\_\_  
 \_\_\_\_\_

## COATING PROCESS INSPECTION CHECKS

Incoming material : Damage \_\_\_\_\_ Contam. \_\_\_\_\_  
 Atmospheric : Temp. \_\_\_\_\_ Humidity \_\_\_\_\_  
 Dewpoint \_\_\_\_\_

### Abrasive Blast Cleaning

Anchor pattern \_\_\_\_\_ Cleanliness \_\_\_\_\_

Preheat Temperature : Min \_\_\_\_\_ Max \_\_\_\_\_  
 Exit temp (IR) \_\_\_\_\_

Time to 1st roller: \_\_\_\_\_ Time to quench: \_\_\_\_\_

Line Speed: \_\_\_\_\_ Rust bloom? \_\_\_\_\_

Holidays : Automatic \_\_\_\_\_ Manual \_\_\_\_\_  
 Calibrate detectors \_\_\_\_\_

### Coating thickness:

Tests of random bar/pipe

1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_ 4 \_\_\_\_\_ 5 \_\_\_\_\_  
 6 \_\_\_\_\_ 7 \_\_\_\_\_ 8 \_\_\_\_\_ 9 \_\_\_\_\_ 10 \_\_\_\_\_

Average result \_\_\_\_\_

Calibrate gauge \_\_\_\_\_