

Wheel Shop Management Suite

Data Collection by Station

Station Name	Data Collected
Bearing Pull	Disposition Core Size Customer / Vendor
Loose Axle Inspection	Disposition Size Manufacturer
Mounted Axle Inspection	Axle Information Wheel information
Wheel Press	Axle Information Wheel information Mounting Information
Reprofile Lathe	Axle Information Wheel information Turning Information
Bearing Press ¹⁾	Bearing Information Wheelset Information Mounting Information
Bearing Torque	Bearing Information Wheelset Information Mounting Information Final bolt torque values
MPI Inspection	Axle Information Pass / Fail
Axle UT Inspection	Pass / Fail Backwall reflection %
Wheel UT Inspection	Wheel Information Pass / Fail

Axle Information
Serial Number
Manufacturer
Year / Month of Manufacture
Seat Diameters
Journal Diameters
Size
Class

Wheel Information
Serial Number
Manufacturer
Year / Month of Manufacture
Bore Diameter
Diameter
Design

Bearing Information
Serial Number
Manufacturer
Year / Month of Manufacture
Size
Class
New / Reconditioned

Wheelset Information
Wheel Information (x2)
Axle Information
Month of Manufacture
New / Turned
Bearing Information
Radial / Plane Measurements

Bent Axle Inspection	Wheel Information Axle Information Pass / Fail
Inbound	Shipping Information Wheelseet Information
Outbound	Shipping information Wheelseet Information Component Information for loose components

Shipping information

Tracking Number
Shipper
Customer / Vendor
List of Components on BOL
CID's of components on the BOL

Notes:

1. Typically you can assume that after bearing press (or torque) you have a completed wheelset. This would