

PROCESS INSTRUMENT SALES

3 Brickfields Business park
Old Stowmarket Rd
Woolpit
Bury Saint Edmunds IP30 9QS

CUSTOMER

John Smith Works Ltd

Customer Reference	Wet Pulp Belt Weigher Refurbishment
Job Number/ Work Order Number	34365
Conducted On	25-08-2020
Conducted By	Craig Mannan
Site Contact	John Smith
Location	123 The Street Nowheresville Glanshire XX3 2Z
Induction Carried Out	Yes

DETAILS OF WORK CARRIED OUT

Description Of Work To Be Carried Out

Replace the load cells and weigh controller. Setup, configure and calibrate the belt weigher.

Details Of Work Carried Out

The belt motor and weigh controller power supplies were isolated and locked out.

The load cells were removed and with assistance from the site maintenance personnel the mounting brackets were salvaged for re-use. The new load cells and speed sensor was installed, cables routed through pre-existing conduit and terminated in the local junction boxes.

The Milltronics Compuscale II and enclosure was removed and replaced with a new enclosure containing the Milltronics BW500. The cables were pulled into the enclosure, tested for insulation and continuity and then terminated in the weigh controller.

The relevant de-isolations were carried out and the system was configured, load cells balanced and the weigh scale calibrated.

Design Parameter Configuration

Weigh Rate: 890 t/hr

Nominal Belt Speed: 1.36 m/s

Belt Length: 110

Calibration Results

Calibration procedure was repeated 3 times, with a maximum detected deviation of 0.37 % of Zero and 0.11% of Span.

Final Zero Calibration Count (As Left): 1242386

Final Span Calibration Count (As Left): 54329

Equipment Used Serial/Model Number(s)

Hand Tools

Multimeter - S/N LC2113

Insulation Tester - S/N 160714611

Instrument Serial Number(s)

4047 Load Cells : S/N - 910272

S/N - 980116

S/N - 910264

S/N - 910271

Milltronics TASS Speed sensor : P/N - 7MH7131-1AA10-Z Y15

Milltronics BW500: S/N - PBD/M5150145

FURTHER ACTIONS

Photographs

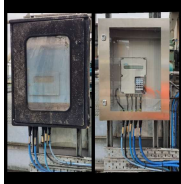


Photo 1



Photo 2



Photo 3

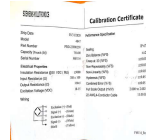


Image 4



Image 5



Image 6



Image 7

Description Of Photos & Images

1. Weigh controller enclosure, before & after.
2. Load cells, before & after.
3. Speed sensor.
- 4 to 7. Load Cells Calibration Certificates.

Additional Work	N/A
Incomplete Work	N/A
Replacement Instruments	N/A

DECLARATION OF COMPLETION

I hereby confirm that all work has been carried out to a satisfactory level and any and all concerns or queries have been documented and resolved. I confirm that the engineer has completed the expected works and left the instrument in a safe manner.		Yes
Site Contact		
Engineer	Craig Hamman	
Date	30th Aug, 2020 13:44 PM GMT	

MEDIA SUMMARY



Photo 1

MEDIA SUMMARY



Photo 2

MEDIA SUMMARY



Photo 3

MEDIA SUMMARY

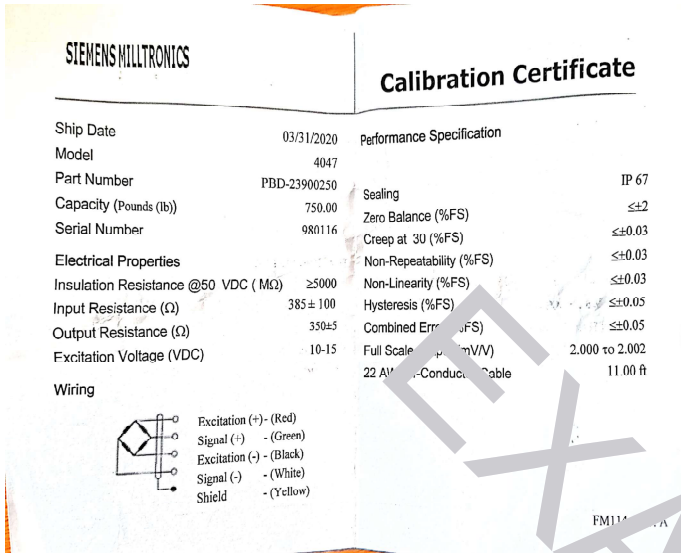


Image 4

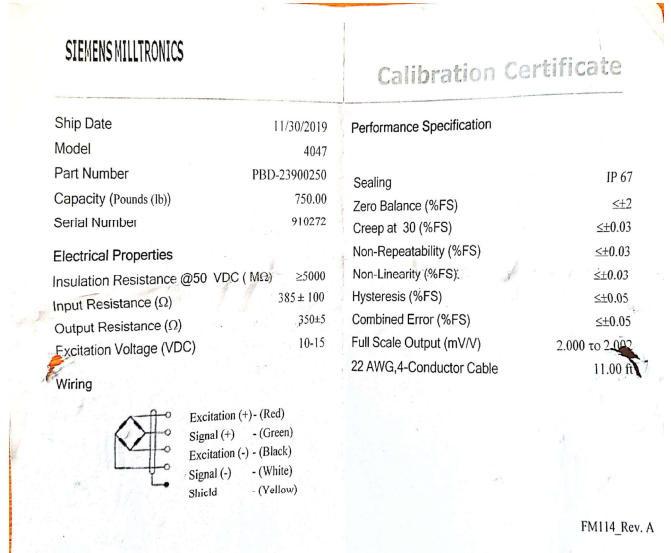


Photo 5

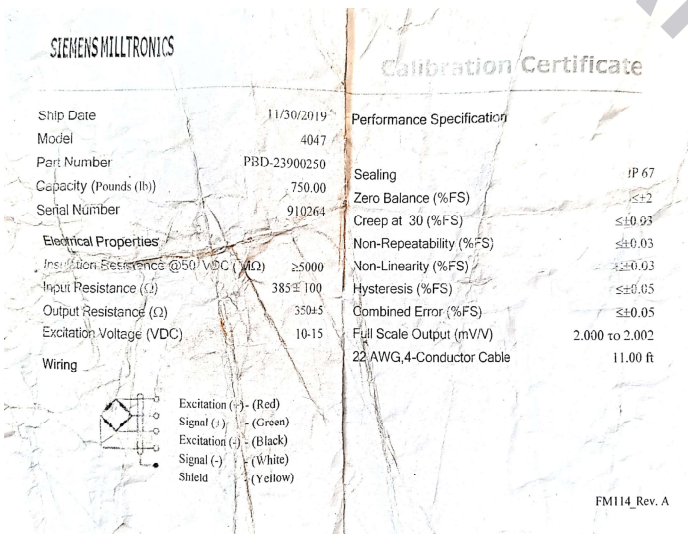


Photo 6

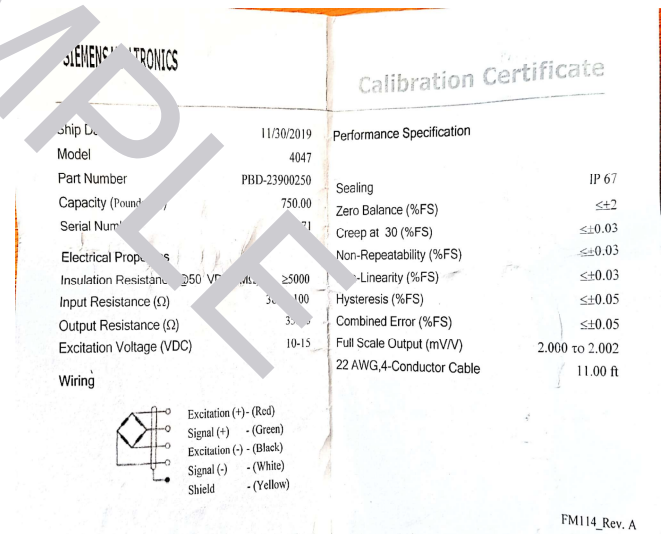


Photo 7