Project: Complete Digitization of Welding Material Control Log

**Requirements**

1) Complete Access Database to make fully functional as a stand-alone system/program

* Create one form to capture all required fields to generate reports/documents:
  + Printable Weld Material Control Log with or without signatures/approvals
  + Printable Weld Process Report with or without signatures/approvals
  + Electronic review and approval/sign-offs for welding supervision & MPC personnel of the Weld Material Control Log and Weld Process Report
    - Controlled & defined by user table
* Create automated process to email Weld Process Reports for signatures with Docu-Sign
  + Welder and welding supervision personnel
* Automate storage of approved and signed documents for QA and MPC retrieval
* Create input form for 1) Welding Procedures (WMS/MS) 2) Filler Metal Heat & Lot Numbers
  + Create error proofing for inputting correct information (Combo Box)
* Communicate with current Access Reject Ticket database for First Pass Yield (FPY) data
* Create form for reviewing welder continuity inputs
  + Searchable and filter by any, or all of the following:
    - Date Welded, Welder ID (GEMS), Welding Procedure, Heat Number, Serial Number, QAP/SO#

2) RCC-M Welding Material Control Log Option

* Rod Caddie: Number, Thermocouple Temperature, Caddie Temperature

3) Allow for changes to documents by applicable personnel

* Track changes and “Corrected Copy” on the printed report

~~4) Replicate fully functional stand-alone Access database to create Java interface with the same basic requirements and functionality.~~

* ~~Complete FYP interface based on FPY information in the Access Reject Ticket database~~

~~5) Provide Programming Lines of Java Coding~~

6) Provide basic training to Flowserve IT for potential maintenance and troubleshooting

Time script save and send email daily grouped by department.

Add department

Switchboard

Filler transitive table filtered by heat/lot/metal type

MS num, has rev

Clear metal field when going to new log

Find and make corrected copy report

Weld process reports remove duplicates

RCC-M button