

# **Scada Database SOP**


## **HERO BATTERY PACK ASSEMBLY LINE**



**Department of MBA – Controls Engineering**

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## Steps to add new Parameters in Data log

1. Create new tag in kepware  (Refer Kepware Training document )
2. Add the tag in Parameter INI File in the path  
D:\TEAL\Configuration\Tags\Datalog\Parameters\
3. Add the newly added parameter in Database
  - 3.1 Create new column in the table
  - 3.2 Add the Column in Datalog Script
4. Restart the corresponding service

## Troubleshooting queries

- SQL Query to check the service number and script
- SQL Query to check the INI File Path
- SQL Query to check whether a Barcode is processed or not

```
SELECT * FROM Datalog_Station_Info order by Station_Id desc
```

```
select * from Datalog_Config_Info order by Station_Id desc
```

```
SELECT * FROM Station_Name  
Where  
BatteryStackBarcodeData='xxxxxxxxxxxx'
```

Note: Refer the Station\_Info excel provided for finding the table name corresponding to each station name.

- SQL Query to remove a barcode from the table

```
Eg: update Zone2_030_CellLoading  
set BatteryStackBarcodeData='RL60272000AB_1'  
where  
BatteryStackBarcodeData='RL60272000AB'
```

Note: Instead of deleting, update the barcode with \_1 to avoid data loss

- SQL Query to get Today's Data of a table

```
select * from Station_Name  
where cast(DateTime as date) = cast(Getdate() as date)  
order by RowId desc
```

- SQL Query to find why the table insertion failed error occurred

```
select * from Datalog_Db_Errors order by ErrorDateTime desc
```

Step By Step Step to troubleshoot an issue

1. Check the log file to get the status code
2. If any issue is there in traceability status . Check by executing the script

Note: Refer the Station\_Info List for getting the script name.