



**DALMIA CEMENT (B) LIMITED – CEMENT PLANT  
ARIYALUR  
INSTRUMENTATION MANUAL**

Issue No. 02	Rev. No: 00	Effective Date: 01.11.2019	INST/SOP/037
Issued By: M.R		Approved By: HOD - INSTRUMENTATION	
SOP for Online PSA System Startup and shutdown procedure			

### **Startup Procedure**

- Turn-On PC On Button
- Wait until Login window appeared
- Select the User Name : Malvern
- Enter the Password : malvern123#
- Double click the Malvern 14.0
- Wait until the Blue background Malvern Link screen
- Click the mouse at Blue background screen after click Main display page will be opened
- Automatically system will go to cleaning process and it will go to Measurement mode if Cement mill is running.
- If Cement mill is not running the system shall be idle mode. If not in idle mode check the alarms by selecting the Alarms button.
- If you want run in local mode, track the local/remote button to local.
- For start Select Control button and select Start.

### **Background Procedure**

This only applicable after Cell window Clean/Cell window replacement / Instrument reconnecting.

- Track the Local/Remote button to Local.
- Select the Control button and Select the stop for Stop the process. If the system is already running.
- Select the log in button and enter the following user name and password for enable the Background authorization.
  - User Name : Supervisor
  - Password : supervisor1
- Select the Control button and Select the Background for run the background process.
- Wait until completion of Background process.
- If Background is good the system will display Background OK else display as Background Error.
- Check the alarms in case of Background error.



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**Shutdown Procedure:**

- Select the log in button and enter the following user name and password for enable the Exit Button
  - User Name : Supervisor
  - Password : supervisor1
- Select the exit button and wait until complete close of Malvern Windows.
- Select Windows Start button and select Shutdown for shutdown the PC
  - Start->Shutdown