

Minutes of Meeting

M/S Indian Immunologicals Ltd. DeltaV DCS for P5B Plant

End Customer: M/S Indian Immunologicals Ltd.
Order Reference Number: 4511003974 Dated: 08/03/22
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Date of meeting:	14-12-2023	Place of meeting:	IIL, Hyderabad
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Attendants list


Name	Company	Name	Company
Mr. Govind Rao	IIL, Hyderabad	Mr. Santosh Raut	EMERSON
		Mr. Saurabh Bhosale	EMERSON
		Mr. Amol Dharmapurikar	EMERSON

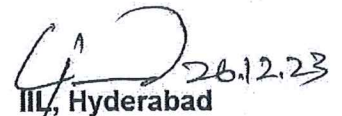
Item	Subject	Action by	Date Due	Status
1.	M/s Emerson's engineer Mr. Amol Dharmapurikar visited IIL Hyderabad site for commissioning and validation activities from 24-July-2023 to 22-August-2023. Total 20-man days are consumed. Following activities are carried out as per the provided OQ protocol for the said period.	Info	NA	For Info
2.	Controller verification. Graphics verification. Time synchronization of the DCS systems. Trend verification. Events verification. System response verification.	Info	NA	Completed
3.	Sequence logic modifications and testing as per requirements for all the fermenters. Common safety logic modification and testing as per the requirements. Modifications of valve off command logic and testing as per the requirements.	Info	NA	Completed
4.	Sequence logic modifications and testing along with all the batch reports for all the fermenters.	Info	NA	Completed
5.	Control module creations as per requirement and channel assignments for the same.	Info	NA	Completed
6.	Interlock/permissive configuration and testing for pump control modules.	Info	NA	Completed
7.	Modification and testing of ranges along with the units for AI, AO, PID & Totaliser control modules.	Info	NA	Completed
8.	Alarm disabled from the required control modules and enabled, disabled the required alarms in SFC's as per requirements.	Info	NA	Completed
9.	User security parameters addition and creation of new user groups as required.	Info	NA	Completed
10.	Trend configuration and testing for OWS1 & OWS2.	Info	NA	Completed
11.	Events configuration and testing for OWS1 & OWS2.	Info	NA	Completed
12.	Graphics configuration, modifications and testing as required for all the screens.	Info	NA	Completed
13.	Valve faceplate is modified for showing the Ignore PV.	Info	NA	Completed
14.	Graphics navigation linking and testing as required for all the screens.	Info	NA	Completed
15.	Control valve logic modification for closing the valve in manual state on failure of analog input.	Info	NA	Completed
16.	Loop checking of AI, AO, DI, DO, PID modules as per the provided protocol.	Info	NA	Completed
17.	Class modification for valve and pump modules as per the requirement. Soft AO is used to resolve the Modbus errors.	Info	NA	Completed
18.	DO class modified and new control modules are prepared as required.	Info	NA	Completed
19.	Resolved all alarm errors as per requirement.	Info	NA	Completed
20.	Named set modification as required for level/flow switch modules.	Info	NA	Completed

21.	Enable the disc alarm for the required switch modules.	Info	NA	Completed
22.	Configuration of feedback logic for valve control modules.	Info	NA	Completed
23.	Currently, to see the alarm and events, we have to select particular date along with respected dataset from configure event option. But as per customer's requirement alarms and events should be able to see directly by selecting the date only. There is no need of selecting the respected dataset. (Reference: - As per customer's old system). We tried this to resolve the said concern from all the angles by matching all the system properties with the old system. But unfortunately, the situation remains unchanged. Further, we go for the GSC support, logged the ticket (Ticket No: NC-2303-1545) and waiting for the solution from the GSC to resolve the same.	Info	NA	For Info
24.	Graphics is updating smoothly in OWS1, While in OWS2 it is updating slowly. Check the network connection and yellow pages related with the OWS2. All are found ok. Also, replace the PIC folder in OWS2 and again tried.	Info	NA	For Info
25.	On screen keyboard is activated on OWS 1 & 2. The touch keypad functionality is the property of windows system and is not a primary function of DeltaV system. Tried with all the standard settings of computer system in control panel and settings. Also, tried for tablet and desktop mode of the computer system. But touch keyboard is not opened still. Apart from this we can use on screen keyboard and HMI's keyboard for regular functionalities, and this will not affect the process functions so far.	Info	NA	For Info
26.	Refresh rate errors are removed by using Dump Data Source Tool from all the graphics. Apart from this all the graphics are opening properly without any errors.	Info	NA	For Info
27.	OQ activities have been executed successfully and verified by M/s IIL.	Info	NA	Completed
28.	Validation of DCS system is completed, and all required documents are submitted to M/s IIL.	Info	NA	Completed
29.	Dream soft report work is completed and demonstrated to M/s IIL.	Info	NA	Completed
30.	On the date of 31.10.2023, we are able to installed the Latest Hotfixes (DELTAV_R6_WS_08_CSS) successfully on OWS1 & OWS2.	Info	NA	Completed
31.	Whenever you will modify any graphics, then All the graphics updates OR modifications are automatically reflects on OWS1 & OWS2. This work is done successfully .	Info	NA	Completed
32.	We have rectified & able to increased the Event List more than 03 month successfully.	Info	NA	Completed
33.	Whenever you will create the new USER in User Manager, then it will be replicate on OWS1 & OWS2. This work is done successfully .	Info	NA	Completed
34.	Regarding the Dreamsoft Report generation, The reports are generating successfully & on time , as the population of duplicate records for batch Numbers now it is resolved successfully.	Info	NA	Completed

	Also cleared the query regarding the Sterilization Start date & Time, Sterilization End date & Time by taking system remotely by dreamsoft engineer.			
35.	For the Touch screen OWS keypad issue, We had taken the system online & added one common "Touch Screen Keypad Button" for all the Graphics. Also add a new script in it. Now it is completed successfully. (Note: Whenever the operator wants to put a value in anywhere, then he will have to first click the Keypad button & after that click on the source to put the value in it.)	Info	NA	Completed
36.	Emerson team has successfully completed installation and commissioning work of DCS system against PO – 4511003974 and DCS system is handed over to M/s IIL.	Info	NA	Completed

Minutes Reviewed and Approved For and by:


EMERSON
Savarabh S. Bhosale


26.12.23
IIL, Hyderabad
R. Govinda Rao
Engineering.