Extract from lighting survey reports 2018 - 2019 - Required Lux Levels Sheet (Included only as an aid to assist with required Lux level per area and positioning of all lights)

Lighting Upgrade Project ---- HO /1247

Group number	Town / Priority	Location	Work Required	Current Lux	Lux Required	Lux Achieved	Zone	Recommended solution
Group 1	Secunda (1)	Manifold (Launchers WIR & ALR, Sump tank, Prover 1 & 2)	Additional lighting required	1 to 21	100		1&2	Strategic lights to be on emergency supply as per the proposed/to be proposed cable routing and lighting layout drawings.
	Secunda (1)	Manifold (Pump platform 1 to 4, Pump Platform 5)	Additional lighting required	16 & 25	20		2	Strategic lights to be on emergency supply as per the proposed/to be proposed cable routing and lighting layout drawings.
	Secunda (1)	De-aerators platform	Additional lighting required	21	50		2	Strategic lights to be on emergency supply as per the proposed/to be proposed cable routing and lighting layout drawings.
	Secunda (1)	Manifold (Pump 1 to 4 & Pump 5)	Additional lighting required	not measured	50		2	Strategic lights to be on emergency supply as per the proposed/to be proposed cable routing and lighting layout drawings.
	Secunda (1)	Manifold (General platforms: Gangways, Catwalks, Stairways)	Additional lighting required	not measured	20		2	Strategic lights to be on emergency supply as per the proposed/to be proposed cable routing and lighting layout drawings.
	Secunda (1)	Manifold (Hand valves (Z))	Additional lighting required	not measured	10		2	Strategic lights to be on emergency supply as per the proposed/to be proposed cable routing and lighting layout drawings.
	Kendal (2)	Manifold (Recievers 12-inch & 18 inch)	Additional lighting required	8 & 0	100		1	Strategic lights to be on emergency supply as per the proposed/to be proposed cable routing and lighting layout drawings.
	Kendal (2)	Manifold (Sampling point:outgoing, secunda 20-inch, 16-in, sampling point)	Additional lighting required	0 to 12	20		1	Strategic lights to be on emergency supply as per the proposed/to be proposed cable routing and lighting layout drawings.
	Kendal (2)	Manifold (Pumps and Motors)	Additional lighting required	not measured	50		2	Strategic lights to be on emergency supply as per the proposed/to be proposed cable routing and lighting layout drawings.
	Kendal (2)	Manifold (General platforms: Gangways, Catwalks, Stairways)	Additional lighting required	not measured	20		2	Strategic lights to be on emergency supply as per the proposed/to be proposed cable routing and lighting layout drawings.
	Kendal (2)	Manifold (Hand valves (Z))	Additional lighting required	not measured	10		2	Strategic lights to be on emergency supply as per the proposed/to be proposed cable routing and lighting layout drawings.