

Overview: UpstreamCampaign

Name: UpstreamCampaign

Description: Seed Bioreactor scaleup ; See diagram singleuse_S88

Version: sample single use wireframe

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UpstreamCampaign

Task	Formula	MaterialBill	Unit \ WorkCentre	Equipment	Personnel	Start-Start	Start-Finish
Proc_UpstreamSetup:1	HaspergenBio						
UP_Setup:1	20Lunitseedreactor		UnitSeedReactor				
UO_Setup:1			UnitSeedReactor				
PH_Setup:1			UnitSeedReactor				
PH_Setup:1			UnitSeedReactor				
PH_Setup:1			UnitSeedReactor				
PH_Setup:1			UnitSeedReactor				
PH_Dummy:1			UnitSeedReactor				
UP_Setup:2	50Lseedbioreactor		UnitSeedBioRct				
PH_Setup:1			UnitSeedBioRct				
UO_Setup:1			UnitSeedBioRct				
PH_Setup:1			UnitSeedBioRct				
PH_Setup:1			UnitSeedBioRct				
PH_Setup:1			UnitSeedBioRct				
PH_Dummy:1			UnitSeedBioRct				
UP_Setup:3	500Lseedbioreactor		UnitSeedBioR2				
PH_Setup:1			UnitSeedBioR2				
PH_Setup:1			UnitSeedBioR2				
UO_Setup:1			UnitSeedBioR2				
PH_Setup:1			UnitSeedBioR2				
PH_Setup:1			UnitSeedBioR2				
PH_Dummy:1			UnitSeedBioR2				
UP_Setup:4	2000LProdBioreactor		UnitProdBio				
PH_Setup:1			UnitProdBio				
PH_Setup:1			UnitProdBio				
PH_Setup:1			UnitProdBio				
UO_Setup:1			UnitProdBio				
PH_Setup:1			UnitProdBio				
PH_Dummy:1			UnitProdBio				
UP_Dummy:1			SingleUseUnit				
PH_Setup:1			SingleUseUnit				
PH_Setup:1			SingleUseUnit				
PH_Setup:1			SingleUseUnit				
PH_Setup:1			SingleUseUnit				
UO_Dummy:1			SingleUseUnit				
PH_Dummy:1			SingleUseUnit				
P_SeedReactorProduction:2	SeedReactor						Proc_UpstreamSetup:1
UP_SeedReactor:1			UnitSeedReactor				
UO_SeedReactor:1			UnitSeedReactor				
PH_SeedReactor:1			UnitSeedReactor				
P_SeedBioReactorProd50:3	SeedBioreactor						P_SeedReactorProduction:2
UP_SeedBioreactor:1	SeedBioReactor50L		UnitSeedBioRct				
UO_SeedBioreactor:1			UnitSeedBioRct				
PH_SeedBioreactor:1			UnitSeedBioRct				
P_SeedBioReactorProd500:2	SeedBioreactor						P_SeedBioReactorProd50:3
UP_SeedBioreactor:2	SeedBioReactor500L		UnitSeedBioR2				
UO_SeedBioreactor:1			UnitSeedBioR2				
PH_SeedBioreactor:1			UnitSeedBioR2				
P_ProdBioreactor2000L:2	HaspergenBio						P_SeedBioReactorProd500:2
UP_MixerTankSetup:1	MixerTanks		UnitProdBio				
UO_MixertankSetup:1			UnitProdBio				
PH_MixerTankSetup:1	MixerTanks		UnitProdBio				
PH_SeedBioreactor:1			UnitProdBio				
UP_SeedBioreactor:3	ProBioReactor2000L		UnitProdBio				
PH_MixerTankSetup:1	MixerTanks		UnitProdBio				
UO_SeedBioreactor:1			UnitProdBio				
PH_SeedBioreactor:1			UnitProdBio				