

Gas Plant Unit (Unit 9400)		Request Process Flow Scheme 9400/08/001 to /003
Stabiliser		
E9401	Arsopi stabiliser feed shell & tube heat exchanger preheater, 520mm i.d., 4,154mm l, 2,400kg, KCS	
C9401	Arsopi stabiliser column including internals, 1,600mm i.d., 32,590mm l, 38,000kg, vertical with skirt	Forwards to E9403 stabiliser OVHD condenser To E9404 naptha rundown cooler and then crude oil storage
E9402	Arsopi stabiliser reboiler, 740mm i.d., 5873mm l, 7,000kg, KCS, vertical with lugs	Returns to C9401 stabiliser column
E9403	Famet stabiliser OVHD condenser with 2x 18.5kW fans, 4x 25kW winterising heaters, LTCS	
V9401	Arsopi stabiliser OVHD accumulator, main vessel 1,900mm i.d., 5,800mm l, boot 400mm i.d., 1,100mm l, 7,085kg, KCS	Forwards to P9401A/S stabiliser reflux pumps or P9402A/S stabiliser LPG pumps Forwards gas to V9903 LP fuel gas knock-out drum (not included) Boot forwards to P9616A/B degasser water pumps
P9401A, P9401S	2x Weir Gabbioneta stabiliser reflux pumps, 1,000kg, 15kW, KCS	
E9404	Famet naptha rundown cooler, 4,500mm x 1,800mm x 800mm, 2,700kg	Forwards to crude oil storage (not included)
Deethaniser		
P9402A, P9402S	2x Weir Gabbioneta stabiliser LPG pumps, 3,200kg, 75kW, KCS	Forwards to E9406 deethaniser OVHD condenser, or Forwards to E9302 butane shell & tube cooler
E9406	Famet deethaniser OVHD condenser with 2x 3kW fans, 3 20kW winterising heaters	
V9402	Arsopi deethaniser OVHD accumulator, main vessel 1,800mm i.d., 5,400mm l, boot 400mm i.d., 1,100mm l, 9,390kg, KCS	Forwards through P9403A/S deethaniser reflux pumps to C9402 deethaniser column Forwards gas to V9903 LP fuel gas knock-out drum (not included) Boot forwards to P9616A/B degasser water pumps
P9403A, P9403S	2x Weir Gabbioneta deethaniser reflux pumps, 1,000kg, 18.5kW, KCS	
C9402	Arsopi deethaniser column including internals, 1,300mm i.d., 19,890mm l, 25,730kg, vertical with skirt	Forwards to C9403 depropaniser column Returns to E9406 deethaniser OVHD condenser Returns to E9405 deethaniser reboiler
E9405	Arsopi deethaniser reboiler, 500mm i.d., 4,665mm l, 2,950kg, KCS	
Depropaniser		
C9403	Arsopi depropaniser column including internals, 1,200mm i.d., 30,810mm l, 38,700kg, vertical with skirt	Forwards through E9409 butane rundown cooler to V9302A/B/C/D/E/F/G butane adsorbent beds Forwards to E9408 depropaniser OVHD condenser Forwards to E9407 depropaniser reboiler
E9407	Arsopi depropaniser reboiler, 520mm i.d., 4,731mm l, 3,150kg, vertical with lugs, KCS	
E9408	Famet depropaniser OVHD condenser with 2x 22kW fans	
V9403	Arsopi depropaniser OVHD accumulator, main vessel 1,500mm i.d., 4,500mm l, boot 400mm i.d., 1,100mm l, 4,600kg, KCS	Returns through P9404A/S propane product/reflux pumps to C9403 depropaniser column or to V9301A/B/C/D/E/F/G propane adsorbent beds Forwards gas to V9903 LP fuel gas knock-out drum (not included) Boot forwards to P9616A/B degasser water pumps
P9404A, P9404S	2x Weir Gabbioneta propane product/reflux pumps, 1,400kg, 45kW, KCS	Forwards to C9403 depropaniser column or to V9301A/B/C/D/E/F/G propane adsorbent beds
E9409	Famet butane rundown cooler, 4,250mm x 1,500mm x 500mm with 2x 3kW fans	Forwards to V9302A/B/C/D/E/F/G butane adsorbent beds