ALARM RATIONALISATION AND PRIORITY WORKSHEET

Project: Boiler 3 alarm review	Calc no: CALC ALM 001 Rev: 0

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Review			
Unit	Boiler 3	**Alarm philosophy**	APH 001 rev 2
Team	Operations, process, instrument		

Alarms

Alarm tag	Description	Severity	Time to respond	Score	Priority	Operator action	Keep?	Set point	Remarks
PAHH 1101	Steam header very high pressure	Severe	Under 5 min	6	High		Keep		
LAL 2101	Drum level low	Severe	5 to 15 min	5	High		Keep		
TAH 3105	Bearing temperature high	Major	5 to 15 min	4	Medium		Keep		
FAL 4102	Cooling water flow low	Major	15 to 30 min	3	Low		Keep		
PAL 5101	Instrument air pressure low	Major	Under 5 min	5	High		Keep		
AAH 6101	Effluent pH high	Minor	15 to 30 min	2	Low		Keep		
LAH 7101	Day tank level high	Minor	5 to 15 min	3	Low		Keep		

High priority (%)	**43**
Medium priority (%)	**14**
Low priority (%)	**43**
Alarms marked for removal	**0**

Every alarm must have a defined operator action and enough time to take it. Alarms without an action are candidates for removal or conversion to events.

Rationalisation lead	Operations
Name:	Name:
Signature:	Signature:
Date:	Date: