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**Transnet Capital Projects – Pipelines Project**

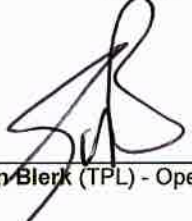
**Product Codes and Colours**

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1. **Purpose**

This document defines the product codes and colours as pertaining to the TPL operation of the pipeline via the SCADA and MES systems. During the FAT of those systems it became apparent that such definition is not available. Thus this document was drafted to fill that specification gap.

2. **Scope**

The product codes and colours stipulated in this document apply to the SCADA and MES specifications on the Pipeline Project.

3. **Terms and Definitions**

FAT	Factory Acceptance Test
ID	Identification
MES	Manufacturing Execution System
SCADA	Supervisory Control And Data Acquisition system
TPL	Transnet Pipelines

4. **Product Code and Colour Specification**

The table below shows the product codes and colours to be used on the Pipeline Project:



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CODE	MES NAME	SCADA	MES ID	COLOUR	Red	Green	Blue
00	UNKNOWN PRODUCT		----	LIGHT STEEL BLUE	176	196	222
01	93 OCTANE L /PETROL						
02	87 OCTANE L/ PETROL						
03	DIESEL	LSD (JMP/IVW /TLR) / DIE	DIE	BROWN	168	88	0
04	91 OCTANE UNLEADED						
05	97 OCTANE PETROL						
06	95ULP	95ULP	95ULP	GREEN	0	240	0
07	ALCOHOL/REFORMATE						
08	AVTUR	JET (JMP/IVW) / AVTUR	AVT	BLUE	50	152	255
09	AVGAS						
10	SYNJET	SYNJET	SYN	LIGHT BLUE	102	255	255
11	HC BLEND						
12	SPC		SPC	ORANGE	255	165	0
13	CATPOLY		CAT	KHAKI	190	140	0
14	93ULP	93ULP	93ULP	DARK BLUE	50	0	255
15	LIGHT DIESEL COMPONENT		LDC	MUSTARD	255	230	128
17	PAM						
18	93LRP		93LRP	RED	255	0	0
19	95LRP		95LRP	YELLOW	255	255	0
23	HEAVY DIESEL COMPONENT						
33	ULSD	ULSD	ULSD	GRAPE	153	0	153
43	ULSD XX		XXXX	TBC			
76	CRUDE OIL		CRUDE	GREY	128	128	128
98	INTERMIX		INT	LIGHT GREY	179	179	179
99	ANOMALY		ANO	WHITE	255	255	255