

POWER_SOURCE_SI			
POWER_DISTRI_PANEL	Varchar2(30)	NN (PK)	
LO_INPUT_VOLTAGE	Varchar2(16)		
NOM_INPUT_VOLTAGE	Varchar2(16)		
HI_INPUT_VOLTAGE	Varchar2(16)		
VOLTAGE_UNITS	Varchar2(18)	(FK)	

SAFETY_ANALOG_SI			
SIGNAL_NO	Number(10,0)	NN (PK)	
WORK_PACKAGE	Varchar2(9)	NN (PK)	
ENGINEERING_UNITS	Varchar2(18)	(FK)	
RANGE_LO	Varchar2(16)		
RANGE_HI	Varchar2(16)		
METER_RANGE_LO	Varchar2(16)		
METER_RANGE_HI	Varchar2(16)		
DISPLAY_DIGITS	Number(1,0)		

SAFETY_SYS_ANALOG_SI			
SIGNAL_NO	Number(10,0)	NN (PK)	
WORK_PACKAGE	Varchar2(9)	NN (PK)	
ENGINEERING_UNITS	Varchar2(18)	(FK)	
RANGE_LO	Varchar2(16)		
RANGE_HI	Varchar2(16)		
METER_RANGE_LO	Varchar2(16)		
METER_RANGE_HI	Varchar2(16)		
DISPLAY_DIGITS	Number(1,0)		

ALG_ELEMENT_PARAMETER_SI			
ELEMENT_NO	Number(10,0)	(PK)	
WORK_PACKAGE	Varchar2(9)	(PK)	
ELEMENT_PARAMETER_NUM	Number(4,0)	(PK)	
CONVERSION_ID	Number(10,0)	(FK)	
CONVERSION	Varchar2(50)		
PROCESSING_FUNCTION	Varchar2(50)		
PROCESSING_FACTOR	Number(10,0)		
ELEMENT_PARAMETER_VALUE	Varchar2(32)		
CUST_ELEMENT_PARAM_VALUE	Varchar2(16)		

INSTANCE_PARAM_VALUE_SI			
INSTANCE_NO	Number(10,0)	(PK)	
INSTANCE_WORK_PACKAGE	Varchar2(9)	(PK)	
PARAMETER_NUMBER	Number(4,0)	(PK)	
CONVERSION_ID	Number(10,0)	(FK)	
CONVERSION	Varchar2(50)		
PROCESSING_FUNCTION	Varchar2(50)		
PROCESSING_FACTOR	Number(10,0)		
VALUE	Varchar2(32)		
CUSTOMER_VALUE	Varchar2(16)		
RANGE_HI	Varchar2(16)		
RANGE_LO	Varchar2(16)		

ENGINEERING_UNITS_REF_SI			
ENGINEERING_UNITS	Varchar2(18)	NN (PK)	
DESCRIPTION	Varchar2(80)		
NAME	Varchar2(80)	NN	(AK1)
NOTES	Varchar2(160)		
EU_DISPLAY_FLAG	Varchar2(1)		

ANALOG_SI			
SIGNAL_NO	Number(10,0)	NN (PK)	
WORK_PACKAGE	Varchar2(9)	NN (PK)	
ENGINEERING_UNITS	Varchar2(18)	(FK)	
BOTTOM_OUTPUT_SCALE	Varchar2(16)		
TOP_OUTPUT_SCALE	Varchar2(16)		
DEADBAND	Varchar2(16)		
DB_K_VALUE	Varchar2(16)		
DB_N_VALUE	Varchar2(16)		
HI_ALARM_DB_VALUE	Varchar2(16)		
HI_ALARM_LMT_1_VALUE	Varchar2(16)		
HI_ALARM_LMT_2_VALUE	Varchar2(16)		
HI_ALARM_LMT_3_VALUE	Varchar2(16)		
HI_ALARM_LMT_4_VALUE	Varchar2(16)		
HI_ALARM_LMT_INC_VALUE	Varchar2(16)		
HI_ALARM_LMT_USR_VALUE	Varchar2(16)		
HI_ENGINEERING_LMT	Varchar2(16)		
HI_REASONABILITY_LMT	Varchar2(16)		
INITIAL_VALUE	Varchar2(16)		
LO_ALARM_DB_VALUE	Varchar2(16)		
LO_ALARM_LMT_1_VALUE	Varchar2(16)		
LO_ALARM_LMT_2_VALUE	Varchar2(16)		
LO_ALARM_LMT_3_VALUE	Varchar2(16)		
LO_ALARM_LMT_4_VALUE	Varchar2(16)		
LO_ALARM_LMT_INC_VALUE	Varchar2(16)		
LO_ALARM_LMT_USR_VALUE	Varchar2(16)		
LO_ENGINEERING_LMT	Varchar2(16)		
LO_REASONABILITY_LMT	Varchar2(16)		
MAX_SCALE	Varchar2(16)		
MIN_SCALE	Varchar2(16)		
OPERATING_RANGE_HI	Varchar2(16)		
OPERATING_RANGE_LO	Varchar2(16)		
THERMOCOUPLE_UNITS	Varchar2(1)		
DECIMAL_DIGITS	Number(2,0)		

ALG_SI_UNITS_REF			
CONVERSION_ID	Number(10,0)	(PK)	
STARTING_UNITS	Varchar2(18)	NN	(AK1)
CONVERTED_UNITS	Varchar2(18)	NN (FK)	(AK1)
MULTI_FACTOR	Number	NN	
ADD_FACTOR	Number	NN	
DEFAULT_PROCESSING_FUNCTION	Varchar2(50)		
DEFAULT_PROCESSING_FACTOR	Number(10,0)		

CABINET_TYPE_REF_SI			
CABINET_TYPE	Varchar2(16)	NN (PK)	
CURRENT_UNITS	Varchar2(18)	(FK)	
NOM_CURRENT	Varchar2(16)		
NOM_HEAT_LOAD	Varchar2(16)		
NOM_KVA	Varchar2(16)		
HEAT_LOAD_UNITS	Varchar2(18)	(FK)	
MAX_CURRENT	Varchar2(16)		
MAX_HEAT_LOAD	Varchar2(16)		
MAX_KVA	Varchar2(16)		
PRIMARY_VOLTAGE	Varchar2(16)		
SECONDARY_VOLTAGE	Varchar2(16)		
PRIMARY_VOLTAGE_UNITS	Varchar2(18)	(FK)	
SECONDARY_VOLTAGE_UNITS	Varchar2(18)	(FK)	

IC_CABINET_SI			
IC_CABINET_NO	Number(10,0)	NN (PK)	
WORK_PACKAGE	Varchar2(9)	NN (PK)	
CURRENT_UNITS	Varchar2(18)	(FK)	
NOM_CURRENT	Varchar2(16)		
NOM_HEAT_LOAD	Varchar2(16)		
NOM_KVA	Varchar2(16)		
HEAT_LOAD_UNITS	Varchar2(18)	(FK)	
MAX_CURRENT	Varchar2(16)		
MAX_HEAT_LOAD	Varchar2(16)		
MAX_KVA	Varchar2(16)		
PRIMARY_VOLTAGE	Varchar2(16)		
SECONDARY_VOLTAGE	Varchar2(16)		
PRIMARY_VOLTAGE_UNITS	Varchar2(18)	(FK)	
SECONDARY_VOLTAGE_UNITS	Varchar2(18)	(FK)	

COEFF_REF_SI			
COEFF_NO	Number(10,0)	NN (PK)	
STD_RANGE	Varchar2(20)		
COEFF_1	Varchar2(16)		
COEFF_2	Varchar2(16)		
COEFF_3	Varchar2(16)		
COEFF_4	Varchar2(16)		
COEFF_5	Varchar2(16)		
COEFF_6	Varchar2(16)		
COEFF_7	Varchar2(16)		
COEFF_8	Varchar2(16)		

ALG_IO_SI			
ALG_NO	Number(10,0)	NN (PK)	
WORK_PACKAGE	Varchar2(9)	NN (PK)	
IO_NUMBER	Varchar2(8)	NN (PK)	
CONVERSION_ID	Number(10,0)	(FK)	
CONVERSION	Varchar2(50)		
PROCESSING_FUNCTION	Varchar2(50)		
PROCESSING_FACTOR	Number(10,0)		
OPT_VALUE	Varchar2(16)		

SAFETY_SETPOINT_SI			
SIGNAL_NO	Number(10,0)	NN (PK)	
WORK_PACKAGE	Varchar2(9)	NN (PK)	
SETPOINT_LABEL	Varchar2(16)	NN (PK)	
SETPOINT_VALUE	Varchar2(16)		
RESET_VALUE	Varchar2(16)		
SETPOINT_RANGE_LO	Varchar2(16)		
SETPOINT_RANGE_HI	Varchar2(16)		

ALG_PARAMETER_REF_SI			
ALG_NO	Number(10,0)	NN (PK)	
WORK_PACKAGE	Varchar2(9)	NN (PK)	
IO_NUMBER	Varchar2(8)	NN (PK)	
SIGNAL_FIELD	Varchar2(50)	NN (PK)	
CONVERSION_ID	Number(10,0)	(FK)	
CONVERSION	Varchar2(50)		
PROCESSING_FUNCTION	Varchar2(50)		
PROCESSING_FACTOR	Number(10,0)		
VALUE	Varchar2(50)		

ALG_PARAMETER_NAME_SI			
ALG_NO	Number(10,0)	(PK)	
WORK_PACKAGE	Varchar2(9)	(PK)	
PARAMETER_NUMBER	Number(4,0)	(PK)	
CONVERSION_ID	Number(10,0)	(FK)	
CONVERSION	Varchar2(50)		
PROCESSING_FUNCTION	Varchar2(50)		
PROCESSING_FACTOR	Number(10,0)		
DEFAULT_VALUE	Varchar2(32)		
CUSTOMER_DEFAULT_VALUE	Varchar2(16)		

SAFETY_SYS_SETPOINT_SI			
SIGNAL_NO	Number(10,0)	NN (PK)	
WORK_PACKAGE	Varchar2(9)	NN (PK)	
SETPOINT_LABEL	Varchar2(16)	NN (PK)	
SETPOINT_VALUE	Varchar2(16)		
RESET_VALUE	Varchar2(16)		
SETPOINT_RANGE_LO	Varchar2(16)		
SETPOINT_RANGE_HI	Varchar2(16)		

