T_NOTE
SP_ID: VARCHAR2(32)
BODY: VARCHAR2(4000)
AUTHOR: VARCHAR2(40)
TIMESTAMP: DATE
NOTETYPE: NUMBER(10)
DESCRIPTION: VARCHAR2(240)
UPDATECOUNT: NUMBER(10)
SP_DRAWINGID: VARCHAR2(32)
SP_MODELITEMID: VARCHAR2(32) (FK)
SP_ITEMNOTEID: VARCHAR2(32) (FK)
T_CASECONTROL
SP_ID: VARCHAR2(32)
UPDATECOUNT: NUMBER(10)
PRESSURE: VARCHAR2(40)
SP_PRESSURESI: FLOAT(126)
QUALITY: NUMBER(10)
LIQUIDLEVEL: VARCHAR2(40)
SP_LIQUIDLEVELSI: FLOAT(126)
LEVELREFERENCE: VARCHAR2(40)
SP_LEVELREFERENCESI: FLOAT(126)
SP_CASEID: VARCHAR2(32) (FK)
ELECTCURRENT: VARCHAR2(40)
SP_ELECTCURRENTSI: FLOAT(126)
VOLTAGE: VARCHAR2(40)
SP_VOLTAGESI: FLOAT(126)
VACUUMPRESSURE: VARCHAR2(40)
SP_VACUUMPRESSURESI: FLOAT(126)
T_CASEPROCESS
SP_ID: VARCHAR2(32)
UPDATECOUNT: NUMBER(10)
TEMPERATURE: VARCHAR2(40)
SP_TEMPERATURESI: FLOAT(126)
PRESSURE: VARCHAR2(40)
SP_PRESSURESI: FLOAT(126)
SPECIFICGRAVITY: VARCHAR2(40)
SP_SPECIFICGRAVITYSI: FLOAT(126)
QUALITY: NUMBER(10)
SP_CASEID: VARCHAR2(32) (FK)
VISCOSITY: VARCHAR2(40)
SP_VISCOSITYSI: FLOAT(126)
FLOWRATE: VARCHAR2(40)
SP_FLOWRATESI: FLOAT(126)
FLUIDSTATE: NUMBER(10)
VAPORPRESSURE: VARCHAR2(40)
SP_VAPORPRESSURESI: FLOAT(126)
COMPRESSIBILITY: VARCHAR2(40)
CPCVRATIO: VARCHAR2(40)
CRITICALPRESSURE: VARCHAR2(40)
SP_CRITICALPRESSURESI: FLOAT(126)
MASSDENSITY: VARCHAR2(40)
SP_MASSDENSITYSI: FLOAT(126)
MASSFLOWRATE: VARCHAR2(40)
SP_MASSFLOWRATESI: FLOAT(126)
MOLECULARWEIGHT: VARCHAR2(40)
POURPOINTTEMP: VARCHAR2(40)
SP_POURPOINTTEMPSI: FLOAT(126)
SP_COMPRESSIBILITYSI: FLOAT(126)
SP_CPCVRATIOSI: FLOAT(126)
SP_MOLECULARWEIGHTSI: FLOAT(126)
T_HISTORY
SP_ID: VARCHAR2(32)
TIMESTAMP: DATE
ACTOR: VARCHAR2(40)
TEXT: VARCHAR2(240)
UPDATECOUNT: NUMBER(10)
SP_DRAWINGID: VARCHAR2(32) (FK)
SP_MODELITEMID: VARCHAR2(32) (FK)
EVENTTYPE: NUMBER(10)
REVISIONNUMBER: VARCHAR2(40)
SP_PROJECTNAME: VARCHAR2(80)
T_CASE
SP_ID: VARCHAR2(32)
DESCRIPTION: VARCHAR2(240)
UPDATECOUNT: NUMBER(10)
NAME: VARCHAR2(80)
FLUIDTYPE: NUMBER(10)
CASETYPE: NUMBER(10)
SP_MODELITEMID: VARCHAR2(32) (FK)
CASECLASS: NUMBER(10)
FLUIDSYSTEM: NUMBER(10)
CORROSIVE: NUMBER(10)
EROSIVE: NUMBER(10)
TOXIC: NUMBER(10)
T_STATUS
SP_ID: VARCHAR2(32)
TEXT: VARCHAR2(240)
UPDATECOUNT: NUMBER(10)
STATUSTYPE: NUMBER(10)
STATUSVALUE: NUMBER(10)
RESPONSIBILITY: NUMBER(10)
STATUSTIMESTAMP: DATE
APPROVEDBY: VARCHAR2(40)
APPROVALTIMESTAMP: DATE
SP_DRAWINGID: VARCHAR2(32)
SP_MODELITEMID: VARCHAR2(32) (FK)
REVISIONNUMBER: VARCHAR2(40)
T_MODELITEM
SP_ID: VARCHAR2(32)
DESCRIPTION: VARCHAR2(240)
ISUNCHECKED: NUMBER(10)
MODELITEMTYPE: NUMBER(10)
UPDATECOUNT: NUMBER(10)
ITEMSTATUS: NUMBER(10)
ITEMTYPENAME: VARCHAR2(40)
T_DRAWING
SP_ID: VARCHAR2(32)
DESCRIPTION: VARCHAR2(240)
UPDATECOUNT: NUMBER(10)
NAME: VARCHAR2(80)
TITLE: VARCHAR2(80)
REVISION: VARCHAR2(40)
VERSION: VARCHAR2(40)
DOCUMENTTYPE: NUMBER(10)
DOCUMENTCATEGORY: NUMBER(10)
ITEMSTATUS: NUMBER(10)
PARENTTYPE: NUMBER(10)
DEPTH: NUMBER(10)
DATECREATED: DATE
PATH: VARCHAR2(240)
SP_PLANTGROUPID: VARCHAR2(32) (FK)
DRAWINGNUMBER: VARCHAR2(80)
TEMPLATE: VARCHAR2(240)
LASTPUBLISHTIME: DATE
LASTARCHIVETIME: DATE
SP_LASTEFPUBLISHTIME: DATE
SP_RULESUID: VARCHAR2(40)
SP_FORMATSUID: VARCHAR2(40)
SP_GAPPINGUID: VARCHAR2(40)
SP_SYMBOLOGYUID: VARCHAR2(40)
SP_HTRACEUID: VARCHAR2(40)
T_RELATIONSHIP
SP_ID: VARCHAR2(32)
GRAPHICOID: NUMBER(10)
UPDATECOUNT: NUMBER(10)
SP_DRAWINGID: VARCHAR2(32) (FK)
ITEM1LOCATION: NUMBER(10)
ITEM2LOCATION: NUMBER(10)
ISBINARY: NUMBER(10)
SP_ITEM1ID: VARCHAR2(32) (FK)
SP_ITEM2ID: VARCHAR2(32) (FK)
T_RULEREFERENCE
SP_ID: VARCHAR2(32)
RULEID: NUMBER(10)
ISREVERSE: NUMBER(10)
SP_RELATIONSHIPID: VARCHAR2(32) (FK)
ISPARENT1: NUMBER(10)
ISPARENT2: NUMBER(10)
T_INCONSISTENCY
SP_ID: VARCHAR2(32)
DESCRIPTION: VARCHAR2(240)
UPDATECOUNT: NUMBER(10)
NAME: VARCHAR2(80)
INCONSISTENCYTYPE: NUMBER(10)
ISAPPROVED: NUMBER(10)
INCONSISTENCYSTATUS: NUMBER(10)
SEVERITY: NUMBER(10)
PROPNAMEITEM1: VARCHAR2(80)
PROPNAMEITEM2: VARCHAR2(80)
SP_RELATIONSHIPID: VARCHAR2(32) (FK)
T_REPRESENTATION
SP_ID: VARCHAR2(32)
REPRESENTATIONTYPE: NUMBER(10)
GRAPHICOID: NUMBER(10)
INSTOCKPILE: NUMBER(10)
FILENAME: VARCHAR2(4000)
STYLE: VARCHAR2(40)
SP_DRAWINGID: VARCHAR2(32)
SP_MODELITEMID: VARCHAR2(32)
RADLAYER: VARCHAR2(40)
EXPORTLAYER: VARCHAR2(40)
ITEMSTATUS: NUMBER(10)
REPRESENTATIONCLASS: NUMBER(10)
SP_FILELASTMODIFIEDTIME: DATE
SP_MODELITEMTIMESTAMP: DATE
T_DRAWINGPROJECT
SP_ID: VARCHAR2(32)
ACTOR: VARCHAR2(40)
UPDATECOUNT: NUMBER(10)
SP_DRAWINGID: VARCHAR2(32)
SP_DATEINCLUDED: DATE
SP_ACCESSMODE: NUMBER(10)
SP_COMMENTS: VARCHAR2(4000)
SP_PROJECTID: VARCHAR2(32) (FK)
T_PROJECT
SP_ID: VARCHAR2(32)
T_TASK
SP_ID: VARCHAR2(32)
SP_TASKNAME: VARCHAR2(80)
SP_TASKDESCRIPTION: VARCHAR2(240)
SP_DESTINATIONAPPLICATION: NUMBER(10)
SP_DESTINATIONDRAWING: VARCHAR2(80)
SP_TASKSTATUS: NUMBER(10)
SP_TASKTYPE: NUMBER(10)
SP_CREATEDDATE: DATE
SP_CREATEDBY: VARCHAR2(40)
SP_MODIFIEDDATE: DATE
SP_MODIFIEDBY: VARCHAR2(40)
SP_EXECUTEDDATE: DATE
SP_EXECUTEDBY: VARCHAR2(40)
SP_DELETEDDATE: DATE
SP_DELETEDBY: VARCHAR2(40)
SP_NOTES: VARCHAR2(4000)
SP_ISDELETED: NUMBER(10)
SP_SOURCEAPPLICATION: VARCHAR2(80)
SP_SOURCEDOCUMENT: VARCHAR2(80)
SP_SOURCEITEMTAG: VARCHAR2(80)
SP_DESTINATIONITEMTAG: VARCHAR2(80)
SP_ITEMTYPE: VARCHAR2(255)
SP_CATALOGITEM: VARCHAR2(240)
SP_SOURCEUID: VARCHAR2(40)
SP_DESTINATIONSPID: VARCHAR2(32)
SP_DESTINATIONDRAWINGSPID: VARCHAR2(32)
T_LABEL
SP_ID: VARCHAR2(32)
LABELTYPE: NUMBER(10)
LEADERSTYLE: VARCHAR2(40)
ISLEADERVISIBLE: NUMBER(10)
ISFITTOTEXT: NUMBER(10)
TERMINATORSTYLE: NUMBER(10)
LABELEDITEMTYPE: VARCHAR2(80)
PLACEMENTTYPE: NUMBER(10)
OFFSETSOURCE: NUMBER(10)
OFFSETDISTANCE: VARCHAR2(40)
SP_OFFSETDISTANCESI: FLOAT(126)
ISAREABREAKLABEL: NUMBER(10)
LABELBEHAVIOR: NUMBER(10)
SP_DISABLEFLIPTEXT: NUMBER(10)
T_OPTIONFORMAT
SP_ID: VARCHAR2(32)
UPDATECOUNT: NUMBER(10)
DATATYPE: NUMBER(10)
FORMATNAME: VARCHAR2(80)
DISPLAYNAME: VARCHAR2(80)
T_LABELPERSIST
SP_ID: VARCHAR2(32) (FK)
XCOORDINATE: FLOAT(126)
YCOORDINATE: FLOAT(126)
ANGLE: FLOAT(126)
LABELTYPE: NUMBER(10)
LEADERCOUNT: NUMBER(10)
LEADERSTYLE: VARCHAR2(40)
ISLEADERVISIBLE: NUMBER(10)
ISMIRRORED: NUMBER(10)
ISFITTOTEXT: NUMBER(10)
SP_REPRESENTATIONID: VARCHAR2(32) (FK)
TERMINATORSTYLE: NUMBER(10)
TEXTLABELJUSTIFICATION: NUMBER(10)
SP_DISABLEFLIPTEXT: NUMBER(10)
T_SYMBOL
SP_ID: VARCHAR2(32) (FK)
XCOORDINATE: FLOAT(126)
YCOORDINATE: FLOAT(126)
ISROTATABLE: NUMBER(10)
ISMIRRORABLE: NUMBER(10)
ISMIRRORED: NUMBER(10)
SCALEFACTOR: FLOAT(126)
ROTATIONANGLE: FLOAT(126)
PARAMTOP: FLOAT(126)
PARAMBOTTOM: FLOAT(126)
PARAMLEFT: FLOAT(126)
PARAMRIGHT: FLOAT(126)
ISSCALABLE: NUMBER(10)
SP_COMPONENTMEMBERKEY: NUMBER(10)
T_CONNECTOR
SP_ID: VARCHAR2(32) (FK)
ENDANGLEINDEX: NUMBER(10)
ENDOBJECT: NUMBER(10)
ENDRANGEOBJECT: NUMBER(10)
ENDHORIZVERTFLAG: NUMBER(10)
MINIMUMSEGMENTLENGTH: FLOAT(126)
RANGECLEARANCE: FLOAT(126)
STARTANGLEINDEX: NUMBER(10)
STARTOBJECT: NUMBER(10)
STARTRANGEOBJECT: NUMBER(10)
STARTHORIZVERTFLAG: NUMBER(10)
SP_CONNECTITEM1ID: VARCHAR2(32) (FK)
SP_AVOIDITEM1ID: VARCHAR2(32)
SP_CONNECTITEM2ID: VARCHAR2(32) (FK)
SP_AVOIDITEM2ID: VARCHAR2(32)
ISZEROLENGTH: NUMBER(10)
T_BOUNDEDSHAPE
SP_ID: VARCHAR2(32) (FK)
BOUNDEDSHAPETYPE: NUMBER(10)
T_BOUNDEDSHAPEVERTEX
SP_ID: VARCHAR2(32)
XCOORDINATE: FLOAT(126)
YCOORDINATE: FLOAT(126)
ORDERINDEX: NUMBER(10)
SP_BOUNDEDSHAPEID: VARCHAR2(32) (FK)
T_LOCATION
SP_ID: VARCHAR2(32)
LOCATIONVALUE: VARCHAR2(40)
LOCATIONTYPE: NUMBER(10)
SP_PLANTITEMID: VARCHAR2(32)
T_PLANTGROUP
SP_ID: VARCHAR2(32)
T_LEADERVERTEX
SP_ID: VARCHAR2(32)
XCOORDINATE: FLOAT(126)
YCOORDINATE: FLOAT(126)
ORDERINDEX: NUMBER(10)
LEADERINDEX: NUMBER(10)
SP_LABELPERSISTID: VARCHAR2(32) (FK)
T_CONNECTORVERTEX
SP_ID: VARCHAR2(32)
XCOORDINATE: FLOAT(126)
YCOORDINATE: FLOAT(126)
ORDERINDEX: NUMBER(10)
SP_CONNECTORID: VARCHAR2(32) (FK)
T_PIPELINE
SP_ID: VARCHAR2(32)
OPERFLUIDCODE: NUMBER(10)
TAGSEQUENCENO: VARCHAR2(40)
TAGSUFFIX: VARCHAR2(40)
FLUIDSYSTEM: NUMBER(10)
T_TASKITEMPROPERTY
SP_ID: VARCHAR2(32)
SP_ISACTIVE: NUMBER(10)
SP_PROPERTYNAME: VARCHAR2(80)
SP_NEWVALUE: VARCHAR2(240)
SP_OLDVALUE: VARCHAR2(80)
SP_NEWNUMERICVALUE: FLOAT(126)
SP_TASKID: VARCHAR2(32)
SP_FORMAT: VARCHAR2(80)
T_ITEMNOTE
SP_ID: VARCHAR2(32) (FK)
ITEMNOTETYPE: NUMBER(10)
T_OPC
SP_ID: VARCHAR2(32) (FK)
TAGREQDFLAG: NUMBER(10)
OPCTYPE: NUMBER(10)
SP_PAIREDWITHID: VARCHAR2(32) (FK)
TOFROMTEXT: VARCHAR2(240)
OPCTAG: VARCHAR2(80)
MATINGOPCPATH: VARCHAR2(4000)
SP_WSSITEID: VARCHAR2(32)
TODRAWINGNAME: VARCHAR2(80)
TODRAWINGSPID: VARCHAR2(32)
T_PIPINGPOINT
SP_ID: VARCHAR2(32) (FK)
NOMINALDIAMETER: NUMBER(10)
SCHEDULEORTHICKNESS: VARCHAR2(40)
SP_SCHEDULEORTHICKNESSSI: FLOAT(126)
RATING: NUMBER(10)
FLOWDIRECTION: NUMBER(10)
ENDPREP: NUMBER(10)
PIPINGPOINTUSAGE: NUMBER(10)
PIPINGPOINTNUMBER: NUMBER(10)
SP_PLANTITEMID: VARCHAR2(32) (FK)
POINTINDEX: NUMBER(10)
T_SIGNALPOINT
SP_ID: VARCHAR2(32) (FK)
SIGNALTYPE: NUMBER(10)
SIGNALPOINTUSAGE: NUMBER(10)
ISSEALREQD: NUMBER(10)
SIGNALPOINTNUMBER: NUMBER(10)
SP_PLANTITEMID: VARCHAR2(32) (FK)
POINTINDEX: NUMBER(10)
T_PLANTITEM
SP_ID: VARCHAR2(32) (FK)
NAME: VARCHAR2(80)
ITEMTAG: VARCHAR2(80)
PLANTITEMTYPE: NUMBER(10)
TAGREQDFLAG: NUMBER(10)
AABBCC_CODE: VARCHAR2(40)
FABRICATIONCATEGORY: NUMBER(10)
SP_PARTOFID: VARCHAR2(32) (FK)
SP_PLANTGROUPID: VARCHAR2(32) (FK)
SUPPLYBY: NUMBER(10)
REQUISITIONBY: NUMBER(10)
SP_RELATIONIMPLIEDID: VARCHAR2(32)
PARTOFTYPE: NUMBER(10)
ISBULKITEM: NUMBER(10)
INVENTORYTAG: VARCHAR2(80)
CONSTRUCTIONSTATUS: NUMBER(10)
CONSTRUCTIONBY: NUMBER(10)
DESIGNBY: NUMBER(10)
ERPASSETNO: VARCHAR2(80)
REQUISITIONNO: VARCHAR2(80)
SP_PARTNO: VARCHAR2(80)
SP_CATALOGNAME: VARCHAR2(80)
SP_DESIGNBASISUID: VARCHAR2(40)
T_PLANTITEMGROUPJOIN
SP_ID: VARCHAR2(32)
SP_PLANTITEMID: VARCHAR2(32) (FK)
SP_PLANTITEMGROUPID: VARCHAR2(32) (FK)
T_EQUIPMENT
SP_ID: VARCHAR2(32) (FK)
INSULTYPE: NUMBER(10)
INSULPURPOSE: NUMBER(10)
INSULTHICK: VARCHAR2(40)
SP_INSULTHICKSI: FLOAT(126)
INSULDENSITY: VARCHAR2(40)
SP_INSULDENSITYSI: FLOAT(126)
INSULTEMP: VARCHAR2(40)
SP_INSULTEMPSI: FLOAT(126)
HTRACEREQMT: NUMBER(10)
HTRACEMEDIUM: NUMBER(10)
HTRACEMEDIUMTEMP: VARCHAR2(40)
SP_HTRACEMEDIUMTEMPSI: FLOAT(126)
PIPINGMATERIALSCLASS: VARCHAR2(80)
SLOPE: VARCHAR2(40)
SP_SLOPESI: FLOAT(126)
CLEANINGREQMTS: NUMBER(10)
COATINGREQMTS: NUMBER(10)
MATERIALOFCONSTCLASS: NUMBER(10)
TAGSEQUENCENO: VARCHAR2(40)
TAGSUFFIX: VARCHAR2(40)
CLASS: NUMBER(10)
EQUIPMENTTYPE: NUMBER(10)
TAGPREFIX: VARCHAR2(40)
EQUIPMENTSUBCLASS: NUMBER(10)
SLOPERISE: VARCHAR2(40)
SP_SLOPERISESI: FLOAT(126)
SLOPERUN: VARCHAR2(40)
SP_SLOPERUNSI: FLOAT(126)
CORROSIONALLOWANCE: VARCHAR2(40)
SP_CORROSIONALLOWANCESI: FLOAT(126)
STRESSRELIEFREQMT: NUMBER(10)
STEAMOUTPRESSURE: VARCHAR2(40)
SP_STEAMOUTPRESSURESI: FLOAT(126)
STEAMOUTTEMPERATURE: VARCHAR2(40)
SP_STEAMOUTTEMPERATURESI: FLOAT(126)
STEAMOUTREQMT: NUMBER(10)
INSULATIONSPEC: VARCHAR2(80)
TRIMSPEC: VARCHAR2(80)
HEIGHT: VARCHAR2(40)
SP_HEIGHTSI: FLOAT(126)
INSULATIONTHKSOURCE: NUMBER(10)
T_NOZZLE
SP_ID: VARCHAR2(32) (FK)
NOMINALDIAMETER: NUMBER(10)
INSULTYPE: NUMBER(10)
INSULPURPOSE: NUMBER(10)
INSULTHICK: VARCHAR2(40)
SP_INSULTHICKSI: FLOAT(126)
INSULDENSITY: VARCHAR2(40)
SP_INSULDENSITYSI: FLOAT(126)
INSULTEMP: VARCHAR2(40)
SP_INSULTEMPSI: FLOAT(126)
HTRACEREQMT: NUMBER(10)
HTRACEMEDIUM: NUMBER(10)
HTRACEMEDIUMTEMP: VARCHAR2(40)
SP_HTRACEMEDIUMTEMPSI: FLOAT(126)
OPERFLUIDCODE: NUMBER(10)
PIPINGMATERIALSCLASS: VARCHAR2(80)
CLEANINGREQMTS: NUMBER(10)
COATINGREQMTS: NUMBER(10)
MATERIALOFCONSTCLASS: NUMBER(10)
SCHEDULEORTHICKNESS: VARCHAR2(40)
SP_SCHEDULEORTHICKNESSSI: FLOAT(126)
TAGSEQUENCENO: VARCHAR2(40)
TAGSUFFIX: VARCHAR2(40)
RATING: NUMBER(10)
FLOWDIRECTION: NUMBER(10)
TAGPREFIX: VARCHAR2(40)
PIPESPEC: VARCHAR2(40)
NOZZLETYPE: NUMBER(10)
SP_PIPERUNID: VARCHAR2(32)
SP_EQUIPMENTID: VARCHAR2(32) (FK)
FLUIDSYSTEM: NUMBER(10)
CORROSIONALLOWANCE: VARCHAR2(40)
SP_CORROSIONALLOWANCESI: FLOAT(126)
STRESSRELIEFREQMT: NUMBER(10)
STEAMOUTPRESSURE: VARCHAR2(40)
SP_STEAMOUTPRESSURESI: FLOAT(126)
STEAMOUTTEMPERATURE: VARCHAR2(40)
SP_STEAMOUTTEMPERATURESI: FLOAT(126)
STEAMOUTREQMT: NUMBER(10)
INSULATIONSPEC: VARCHAR2(80)
INSULATIONNOMDIA: NUMBER(10)
INSULATIONTHKSOURCE: NUMBER(10)
T_PIPINGCOMP
SP_ID: VARCHAR2(32) (FK)
INSULTYPE: NUMBER(10)
INSULPURPOSE: NUMBER(10)
INSULTHICK: VARCHAR2(40)
SP_INSULTHICKSI: FLOAT(126)
INSULDENSITY: VARCHAR2(40)
SP_INSULDENSITYSI: FLOAT(126)
INSULTEMP: VARCHAR2(40)
SP_INSULTEMPSI: FLOAT(126)
HTRACEREQMT: NUMBER(10)
HTRACEMEDIUM: NUMBER(10)
HTRACEMEDIUMTEMP: VARCHAR2(40)
SP_HTRACEMEDIUMTEMPSI: FLOAT(126)
MODELCODE: VARCHAR2(40)
OPTIONCODE: NUMBER(10)
PIPINGCOMPTYPE: NUMBER(10)
PIPINGCOMPSUBCLASS: NUMBER(10)
PIPINGCOMPCLASS: NUMBER(10)
ISINLINE: NUMBER(10)
STRESSRELIEFREQMT: NUMBER(10)
INSULATIONSPEC: VARCHAR2(80)
INSULATIONNOMDIA: NUMBER(10)
INSULATIONTHKSOURCE: NUMBER(10)
SP_ISSPECIALTYITEM: NUMBER(10)
T_PIPERUN
SP_ID: VARCHAR2(32) (FK)
NOMINALDIAMETER: NUMBER(10)
INSULTYPE: NUMBER(10)
INSULPURPOSE: NUMBER(10)
INSULTHICK: VARCHAR2(40)
SP_INSULTHICKSI: FLOAT(126)
INSULDENSITY: VARCHAR2(40)
SP_INSULDENSITYSI: FLOAT(126)
INSULTEMP: VARCHAR2(40)
SP_INSULTEMPSI: FLOAT(126)
HTRACEREQMT: NUMBER(10)
HTRACEMEDIUM: NUMBER(10)
HTRACEMEDIUMTEMP: VARCHAR2(40)
SP_HTRACEMEDIUMTEMPSI: FLOAT(126)
ESTIMATEDLENGTH: VARCHAR2(40)
SP_ESTIMATEDLENGTHSI: FLOAT(126)
OPERFLUIDCODE: NUMBER(10)
PIPINGMATERIALSCLASS: VARCHAR2(80)
SAFETYCLASSIFICATION: NUMBER(10)
PIPERUNTYPE: NUMBER(10)
SLOPE: VARCHAR2(40)
SP_SLOPESI: FLOAT(126)
SLOPEDIRECTION: NUMBER(10)
STREAMNO: VARCHAR2(80)
STRESSANALYSISREQMTS: NUMBER(10)
CLEANINGREQMTS: NUMBER(10)
COATINGREQMTS: NUMBER(10)
MATERIALOFCONSTCLASS: NUMBER(10)
SCHEDULEORTHICKNESS: VARCHAR2(40)
SP_SCHEDULEORTHICKNESSSI: FLOAT(126)
TAGSEQUENCENO: VARCHAR2(40)
TAGSUFFIX: VARCHAR2(40)
FLOWDIRECTION: NUMBER(10)
SLOPERISE: VARCHAR2(40)
SP_SLOPERISESI: FLOAT(126)
SLOPERUN: VARCHAR2(40)
SP_SLOPERUNSI: FLOAT(126)
FLUIDSYSTEM: NUMBER(10)
PIPERUNCLASS: NUMBER(10)
CORROSIONALLOWANCE: VARCHAR2(40)
SP_CORROSIONALLOWANCESI: FLOAT(126)
STRESSRELIEFREQMT: NUMBER(10)
CODECATEGORYHAZARDCLASS: NUMBER(10)
STEAMOUTPRESSURE: VARCHAR2(40)
SP_STEAMOUTPRESSURESI: FLOAT(126)
STEAMOUTTEMPERATURE: VARCHAR2(40)
SP_STEAMOUTTEMPERATURESI: FLOAT(126)
STEAMOUTREQMT: NUMBER(10)
INSULATIONSPEC: VARCHAR2(80)
INSULATIONNOMDIA: NUMBER(10)
INSULATIONTHKSOURCE: NUMBER(10)
T_INSTRUMENT
SP_ID: VARCHAR2(32) (FK)
INSULTYPE: NUMBER(10)
INSULPURPOSE: NUMBER(10)
INSULTHICK: VARCHAR2(40)
SP_INSULTHICKSI: FLOAT(126)
INSULDENSITY: VARCHAR2(40)
SP_INSULDENSITYSI: FLOAT(126)
INSULTEMP: VARCHAR2(40)
SP_INSULTEMPSI: FLOAT(126)
HTRACEREQMT: NUMBER(10)
HTRACEMEDIUM: NUMBER(10)
HTRACEMEDIUMTEMP: VARCHAR2(40)
SP_HTRACEMEDIUMTEMPSI: FLOAT(126)
PIPINGMATERIALSCLASS: VARCHAR2(80)
SAFETYCLASSIFICATION: NUMBER(10)
TAGSEQUENCENO: VARCHAR2(40)
TAGSUFFIX: VARCHAR2(40)
CONTROLSCHEMEREFERENCE: VARCHAR2(80)
INSTRUMENTTYPEMODIFIER: VARCHAR2(40)
MEASUREDVARIABLECODE: VARCHAR2(40)
INSTRUMENTTYPE: NUMBER(10)
SP_PIPERUNID: VARCHAR2(32)
SP_SIGNALRUNID: VARCHAR2(32)
INSTRUMENTCLASS: NUMBER(10)
ISINLINE: NUMBER(10)
LOCATION: NUMBER(10)
LOOPTAGSUFFIX: VARCHAR2(40)
EXPANSIONQUALIFIER: NUMBER(10)
INSULATIONSPEC: VARCHAR2(80)
INSULATIONNOMDIA: NUMBER(10)
INSULATIONTHKSOURCE: NUMBER(10)
T_INSTRFUNCTION
SP_ID: VARCHAR2(32)
INSTRFUNCTIONID: VARCHAR2(40)
INSTRFUNCTIONTYPE: NUMBER(10)
INSTRFUNCTIONVALUE: VARCHAR2(40)
UPDATECOUNT: NUMBER(10)
SP_INSTRUMENTID: VARCHAR2(32) (FK)
T_INSTROPTION
SP_ID: VARCHAR2(32)
INSTROPTIONID: VARCHAR2(40)
INSTROPTIONVALUE: VARCHAR2(40)
UPDATECOUNT: NUMBER(10)
SP_INSTRUMENTID: VARCHAR2(32) (FK)
T_INSTRFAILMODE
SP_ID: VARCHAR2(32)
INSTRFAILMODEID: VARCHAR2(40)
FAILUREACTION: NUMBER(10)
FAILUREPATH: VARCHAR2(40)
UPDATECOUNT: NUMBER(10)
SP_INSTRUMENTID: VARCHAR2(32) (FK)
FAILMODETYPE: NUMBER(10)
T_INLINECOMP
SP_ID: VARCHAR2(32)
NOMINALDIAMETER: NUMBER(10)
CLEANINGREQMTS: NUMBER(10)
COATINGREQMTS: NUMBER(10)
MATERIALOFCONSTCLASS: NUMBER(10)
SCHEDULEORTHICKNESS: VARCHAR2(40)
SP_SCHEDULEORTHICKNESSSI: FLOAT(126)
RATING: NUMBER(10)
COMMODITYCODE: VARCHAR2(40)
PRESSUREDROP: VARCHAR2(40)
SP_PRESSUREDROPSI: FLOAT(126)
FLOWDIRECTION: NUMBER(10)
OPENINGACTION: NUMBER(10)
ORIFICEPORTSIZE: VARCHAR2(40)
SP_ORIFICEPORTSIZESI: FLOAT(126)
UPDATECOUNT: NUMBER(10)
ACTUATORTYPE: NUMBER(10)
SP_PIPERUNID: VARCHAR2(32) (FK)
SP_INSTRUMENTID: VARCHAR2(32) (FK)
SP_PIPINGCOMPID: VARCHAR2(32) (FK)
ISREDUCING: NUMBER(10)
CORROSIONALLOWANCE: VARCHAR2(40)
SP_CORROSIONALLOWANCESI: FLOAT(126)
SP_SETPRESSURE: VARCHAR2(40)
SP_SP_SETPRESSURESI: FLOAT(126)
SP_ORIFICELETTERDESIGNATION: NUMBER(10)
T_SIGNALRUN
SP_ID: VARCHAR2(32) (FK)
SIGNALTYPE: NUMBER(10)
TAGSEQUENCENO: VARCHAR2(40)
TAGSUFFIX: VARCHAR2(40)
T_PLANTITEMGROUP
SP_ID: VARCHAR2(32) (FK)
ISOWNER: NUMBER(10)
PLANTITEMGROUPTYPE: NUMBER(10)
PLANTITEMGROUPCLASS: NUMBER(10)
SP_WSSITEID: VARCHAR2(32)
ISSHARED: NUMBER(10)
T_PACKAGE
SP_ID: VARCHAR2(32) (FK)
T_SAFETYCLASS
SP_ID: VARCHAR2(32) (FK)
T_SYSTEM
SP_ID: VARCHAR2(32) (FK)
SYSTEMTYPE: NUMBER(10)
T_INSTRLOOP
SP_ID: VARCHAR2(32) (FK)
LOOPFUNCTION: VARCHAR2(40)
TAGSEQUENCENO: VARCHAR2(40)
TAGSUFFIX: VARCHAR2(40)
LOOPTYPE: NUMBER(10)
T_PLANTITEMGROUPOTHER
SP_ID: VARCHAR2(32) (FK)
T_AREABREAK
SP_ID: VARCHAR2(32) (FK)
AREABREAKTYPE: NUMBER(10)
ISDYNAMICALLYATTRIBUTED: NUMBER(10)
SP_AREABREAKSTYLE: NUMBER(10)
T_AREABREAKATTRIBUTE
SP_ID: VARCHAR2(32)
NAME: VARCHAR2(80)
VALUE: VARCHAR2(4000)
ITEMTYPE: VARCHAR2(40)
ATTRIBUTIONID: NUMBER(10)
SP_PARENTID: VARCHAR2(32) (FK)
SP_VALUESI: FLOAT(126)
T_VESSEL
SP_ID: VARCHAR2(32) (FK)
LEVELREFERENCE: VARCHAR2(40)
SP_LEVELREFERENCESI: FLOAT(126)
VOLUMERATING: VARCHAR2(40)
SP_VOLUMERATINGSI: FLOAT(126)
LIQUIDLEVELNORMAL: VARCHAR2(40)
SP_LIQUIDLEVELNORMALSI: FLOAT(126)
LIQUIDLEVELHIGH: VARCHAR2(40)
SP_LIQUIDLEVELHIGHSI: FLOAT(126)
LIQUIDLEVELLOW: VARCHAR2(40)
SP_LIQUIDLEVELLOWSI: FLOAT(126)
LIQUIDLEVELHIGHHIGH: VARCHAR2(40)
SP_LIQUIDLEVELHIGHHIGHSI: FLOAT(126)
LIQUIDLEVELLOWLOW: VARCHAR2(40)
SP_LIQUIDLEVELLOWLOWSI: FLOAT(126)
LIQUIDLEVELOVERFLOW: VARCHAR2(40)
SP_LIQUIDLEVELOVERFLOWSI: FLOAT(126)
DIAMETERINTERNAL: VARCHAR2(40)
SP_DIAMETERINTERNALSI: FLOAT(126)
LENGTHTANTOTAN: VARCHAR2(40)
SP_LENGTHTANTOTANSI: FLOAT(126)
EQUIPMENTORIENTATION: NUMBER(10)
MATERIALOFCONSTCLASSINTERNAL: NUMBER(10)
T_EXCHANGER
SP_ID: VARCHAR2(32) (FK)
TEMA_DESIGNATION: VARCHAR2(40)
HEATTRANSFERRATING: VARCHAR2(40)
SP_HEATTRANSFERRATINGSI: FLOAT(126)
ABSORBEDDUTY: VARCHAR2(40)
SP_ABSORBEDDUTYSI: FLOAT(126)
RATEDDUTY: VARCHAR2(40)
SP_RATEDDUTYSI: FLOAT(126)
CLEANINGREQMTSTUBE: NUMBER(10)
COATINGREQMTSTUBE: NUMBER(10)
HEATTRANSFERAREAPERUNIT: VARCHAR2(40)
SP_HEATTRANSFERAREAPERUNITSI: FLOAT(126)
CORROSIONALLOWANCETUBE: VARCHAR2(40)
SP_CORROSIONALLOWANCETUBESI: FLOAT(126)
MATERIALOFCONSTCLASSTUBE: NUMBER(10)
MOTORPOWERPERFAN: VARCHAR2(40)
SP_MOTORPOWERPERFANSI: FLOAT(126)
NUMBEROFFANS: VARCHAR2(40)
NUMBEROFBAYS: VARCHAR2(40)
NUMBEROFBUNDLES: VARCHAR2(40)
NUMBEROFTUBES: VARCHAR2(40)
PIPINGMATERIALSCLASSTUBE: VARCHAR2(80)
POWERABSORBEDPERFAN: VARCHAR2(40)
SP_POWERABSORBEDPERFANSI: FLOAT(126)
SHELLDIAMETER: VARCHAR2(40)
SP_SHELLDIAMETERSI: FLOAT(126)
TUBELENGTH: VARCHAR2(40)
SP_TUBELENGTHSI: FLOAT(126)
UNITWIDTH: VARCHAR2(40)
SP_UNITWIDTHSI: FLOAT(126)
DRAFTTYPE: NUMBER(10)
TYPEOFLOUVERS: NUMBER(10)
EQUIPMENTORIENTATION: NUMBER(10)
INSULATIONSPECTUBE: VARCHAR2(80)
T_MECHANICAL
SP_ID: VARCHAR2(32) (FK)
ELECTRICALREQMT: VARCHAR2(40)
SP_ELECTRICALREQMTSI: FLOAT(126)
POWERCONSUMPTION: VARCHAR2(40)
SP_POWERCONSUMPTIONSI: FLOAT(126)
TYPEOFDRIVER: NUMBER(10)
MECHRATING: NUMBER(10)
SEALPIPINGPLAN: NUMBER(10)
CWPIPINGPLAN: NUMBER(10)
DRIVERRATEDPOWER: VARCHAR2(40)
SP_DRIVERRATEDPOWERSI: FLOAT(126)
POWERABSORBED: VARCHAR2(40)
SP_POWERABSORBEDSI: FLOAT(126)
DIFFERENTIALPRESSURE: VARCHAR2(40)
SP_DIFFERENTIALPRESSURESI: FLOAT(126)
RATEDSUCTIONPRESSURE: VARCHAR2(40)
SP_RATEDSUCTIONPRESSURESI: FLOAT(126)
RATEDDISCHARGEPRESSURE: VARCHAR2(40)
SP_RATEDDISCHARGEPRESSURESI: FLOAT(126)
RATEDCAPACITY: VARCHAR2(40)
SP_RATEDCAPACITYSI: FLOAT(126)
MATERIALOFCONSTCLASSINTERNAL: NUMBER(10)
T_EQUIPCOMPONENT
SP_ID: VARCHAR2(32) (FK)
TYPEOFDRIVER: NUMBER(10)
DRIVERRATEDPOWER: VARCHAR2(40)
SP_DRIVERRATEDPOWERSI: FLOAT(126)
NUMBEROF: VARCHAR2(40)
POWERABSORBED: VARCHAR2(40)
SP_POWERABSORBEDSI: FLOAT(126)
ISINTERNAL: NUMBER(10)
SPACING: VARCHAR2(40)
SP_SPACINGSI: FLOAT(126)
T_EQUIPMENTOTHER
SP_ID: VARCHAR2(32) (FK)
ABSORBEDDUTY: VARCHAR2(40)
SP_ABSORBEDDUTYSI: FLOAT(126)
RATEDDUTY: VARCHAR2(40)
SP_RATEDDUTYSI: FLOAT(126)
AREA: VARCHAR2(40)
SP_AREASI: FLOAT(126)
EQUIPMENTORIENTATION: NUMBER(10)
T_OPTIONAUTOGAP
SP_ID: VARCHAR2(32)
ORDERINDEX: NUMBER(10)
UPDATECOUNT: NUMBER(10)
STYLEPATH: VARCHAR2(240)
STYLENAME: VARCHAR2(80)
FILTERID: NUMBER(10)
ORIENTATION: NUMBER(10)
SP_FILTERUID: VARCHAR2(40)
T_GLOBALDRAWING
SP_ID: VARCHAR2(32)
NAME: VARCHAR2(80)
SP_DRAWINGID: VARCHAR2(32)
DRAWINGNUMBER: VARCHAR2(80)
T_DRAWINGVERSION
SP_ID: VARCHAR2(32)
ACTOR: VARCHAR2(40)
NAME: VARCHAR2(80)
SP_DRAWINGID: VARCHAR2(32)
DATECREATED: DATE
DRAWINGNUMBER: VARCHAR2(80)
SP_ACCESSMODE: NUMBER(10)
SP_COMMENTS: VARCHAR2(4000)
SP_STORAGE: BLOB
SP_PROJECTNAME: VARCHAR2(80)
SP_VERSIONPURPOSE: NUMBER(10)
SPIDCACHE
TABLENAME: VARCHAR2(255)
PREVIOUSVALUE: NUMBER(10)
LASTVALUE: NUMBER(10)
ALTPREVIOUSVALUE: NUMBER(10)
ALTLASTVALUE: NUMBER(10)
T_MODELITEMCLAIM
SP_ID: VARCHAR2(32)
TIMESTAMP: DATE
ACTOR: VARCHAR2(40)
TEXT: VARCHAR2(240)
UPDATECOUNT: NUMBER(10)
SP_MODELITEMID: VARCHAR2(32)
SP_ISVALID: NUMBER(10)
SP_ISNEW: NUMBER(10)
SP_PROJECTID: VARCHAR2(32)
T_MODELITEMLOOKUP
SP_ID: VARCHAR2(32)
SP_LONGSPID: NUMBER(10)
T_MODELITEMCLAIMREP
SP_ID: VARCHAR2(32)
TIMESTAMP: DATE
ACTOR: VARCHAR2(40)
TEXT: VARCHAR2(240)
UPDATECOUNT: NUMBER(10)
SP_MODELITEMID: VARCHAR2(32)
SP_ISVALID: NUMBER(10)
SP_ISNEW: NUMBER(10)
SP_PROJECTID: VARCHAR2(32)
T_MODELITEMCLAIMOFFLINE
SP_ID: VARCHAR2(32)
TIMESTAMP: DATE
ACTOR: VARCHAR2(40)
TEXT: VARCHAR2(240)
UPDATECOUNT: NUMBER(10)
SP_MODELITEMID: VARCHAR2(32)
SP_ISVALID: NUMBER(10)
SP_ISNEW: NUMBER(10)
SP_PROJECTID: VARCHAR2(32)
T_SOURCE
SP_ID: VARCHAR2(32)
TIMESTAMP: DATE
DESCRIPTION: VARCHAR2(240)
UPDATECOUNT: NUMBER(10)
SOURCEFOR: VARCHAR2(80)
SOURCETYPE: NUMBER(10)
ORIGIN: VARCHAR2(80)
SP_MODELITEMID: VARCHAR2(32)
SP_FROMMODELITEMID: VARCHAR2(32)
T_OPTIONSYMBOLOGY
SP_ID: VARCHAR2(32)
ORDERINDEX: NUMBER(10)
UPDATECOUNT: NUMBER(10)
STYLENAME: VARCHAR2(80)
FILTERID: NUMBER(10)
SP_FILTERUID: VARCHAR2(40)
MAX_ID
TABLENAME: VARCHAR2(255)
MAXSIZE: NUMBER(10)
T_REPRESENTATIONLOOKUP
SP_ID: VARCHAR2(32)
SP_LONGSPID: NUMBER(10)
T_OPTIONHEATTRACE
SP_ID: VARCHAR2(32)
UPDATECOUNT: NUMBER(10)
STYLEPATH: VARCHAR2(240)
STYLENAME: VARCHAR2(80)
MEDIUM: NUMBER(10)
T_OPTIONSETTING
SP_ID: VARCHAR2(32)
UPDATECOUNT: NUMBER(10)
NAME: VARCHAR2(80)
VALUE: VARCHAR2(4000)
DISPLAYNAME: VARCHAR2(80)
SETTINGTYPE: NUMBER(10)
SP_ISUPDATEDBYSPEM: NUMBER(10)
SP_BACKUPTYPE: NUMBER(10)