|  |  |  |  |
| --- | --- | --- | --- |
| Sheet | Address | Name | Cell Settings |
| Barcoding | R103C3:R152C3 | BARCODE\_PRINTER\_NAMES | Fetchdata Title: Retrieve barcode printer list Description: Retrieve barcode printers from instrument inventory Source From: OracleDS Condition: SELECT instrument\_name, instrument\_ip INTO BARCODE\_PRINTER\_NAMES, BARCODE\_PRINTER\_IPS FROM view\_instruments WHERE active = 'Y' AND instrument\_ip IS NOT NULL AND UPPER(instrument\_class) = UPPER('#BARCODE\_INSTRUMENT\_TYPE') ORDER BY instrument\_name Rows |
| Config | R2C2 | DOCUMENT\_ID | Vpfield Type: String Action: Read Condition: SELECT VPFIELD.EXPERIMENT.ID FROM VPDATA WHERE VPFIELD.EXPERIMENT.ID = #ADDIN.CURRENTEXPERIMENTID |
| Config | R3C2 | CURRENT\_USER | Vpfield Type: String Action: Read Condition: SELECT VPFIELD.CURRENT.USER FROM VPDATA  Fetchdata Title: Retrieve Full Name Description: Retrieve the full name (first and last) of a user Source From: OracleDS Condition: SELECT last\_name||','||first\_name||' ('||userid||')' AS full\_name INTO CURRENT\_USER\_NAME FROM vp\_user WHERE UPPER(userid) = UPPER('#CURRENT\_USER') Rows: 1 |
| Config | R4C2 | CURRENT\_DEPARTMENT | Vpfield Type: String Action: Read Condition: SELECT VPFIELD.EXPERIMENT.LABGROUP FROM VPDATA WHERE VPFIELD.EXPERIMENT.ID = #ADDIN.CURRENTEXPERIMENTID |
| Config | R7C2 | FORM\_VERSION | Vpfield Type: String Action: Overwrite Condition: SELECT VPFIELD.EXPERIMENT.ENTRY.METADATA.VALUE FROM VPDATA WHERE VPFIELD.EXPERIMENT.ENTRY.METADATA = Version AND VPFIELD.EXPERIMENT.ID = #ADDIN.CURRENTEXPERIMENTID AND VPFIELD.EXPERIMENT.ENTRY.ID = #ADDIN.CURRENTENTRYID |
| Config | R26C2 | TEMP\_EXPIRY\_DATE | Validation Operator: GreaterEqual Condition1: #TODAY\_DATE Failure Message: Instrument out of calibration Success |
| Config | R27C2 | ELECTRODE\_EXPIRY\_DATE | Validation Operator: GreaterEqual Condition1: #TODAY\_DATE Failure Message: Instrument out of calibration Success |
| Config | R40C2 | SDS\_SLOPE\_PARSED | Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: SDS\_CAL\_DATE |
| Instrument | R3C4 | FORM\_INSTRUMENTS | Vpfield Type: String Action: Overwrite Condition: SELECT VPFIELD.EXPERIMENT.ENTRY.METADATA.VALUE FROM VPDATA WHERE VPFIELD.EXPERIMENT.ENTRY.METADATA = Form Instruments AND VPFIELD.EXPERIMENT.ID = #ADDIN.CURRENTEXPERIMENTID AND VPFIELD.EXPERIMENT.ENTRY.ID = #ADDIN.CURRENTENTRYID |
| Instrument | R4C4 | FORM\_INSTRUMENTS\_STATUS\_R | Vpfield Type: String Action: Read Condition: SELECT VPFIELD.EXPERIMENT.ENTRY.METADATA.VALUE FROM VPDATA WHERE VPFIELD.EXPERIMENT.ENTRY.METADATA = Form Instrurments Status AND VPFIELD.EXPERIMENT.ID = #ADDIN.CURRENTEXPERIMENTID AND VPFIELD.EXPERIMENT.ENTRY.ID = #ADDIN.CURRENTENTRYID |
| Instrument | R5C4 | FORM\_INSTRUMENTS\_STATUS\_W | Vpfield Type: String Action: Overwrite Condition: SELECT VPFIELD.EXPERIMENT.ENTRY.METADATA.VALUE FROM VPDATA WHERE VPFIELD.EXPERIMENT.ENTRY.METADATA = Form Instruments Status AND VPFIELD.EXPERIMENT.ID = #ADDIN.CURRENTEXPERIMENTID AND VPFIELD.EXPERIMENT.ENTRY.ID = #ADDIN.CURRENTENTRYID |
| Instrument | R6C4 | FORM\_INSTRUMENTS\_ERROR\_R | Vpfield Type: String Action: Read Condition: SELECT VPFIELD.EXPERIMENT.ENTRY.METADATA.VALUE FROM VPDATA WHERE VPFIELD.EXPERIMENT.ENTRY.METADATA = Form Instruments Error AND VPFIELD.EXPERIMENT.ID = #ADDIN.CURRENTEXPERIMENTID AND VPFIELD.EXPERIMENT.ENTRY.ID = #ADDIN.CURRENTENTRYID |
| Instrument | R7C4 | FORM\_INSTRUMENTS\_ERROR\_W | Vpfield Type: String Action: Overwrite Condition: SELECT VPFIELD.EXPERIMENT.ENTRY.METADATA.VALUE FROM VPDATA WHERE VPFIELD.EXPERIMENT.ENTRY.METADATA = Form Instruments Error AND VPFIELD.EXPERIMENT.ID = #ADDIN.CURRENTEXPERIMENTID AND VPFIELD.EXPERIMENT.ENTRY.ID = #ADDIN.CURRENTENTRYID |
| Instrument | R203C3:R230C3 | INV\_LOG\_INSTID | Vpfield Type: String Action: Overwrite Condition: SELECT VPFIELD.EXPERIMENT.ENTRY.RESULT.VALUE FROM VPDATA WHERE VPFIELD.EXPERIMENT.ENTRY.RESULT = INV\_LOG\_INSTID AND VPFIELD.EXPERIMENT.ID = #ADDIN.CURRENTEXPERIMENTID AND VPFIELD.EXPERIMENT.ENTRY.ID = #ADDIN.CURRENTENTRYID |
| Instrument | R203C4:R230C4 | INV\_LOG\_EVENT | Vpfield Type: String Action: Overwrite Condition: SELECT VPFIELD.EXPERIMENT.ENTRY.RESULT.VALUE FROM VPDATA WHERE VPFIELD.EXPERIMENT.ENTRY.RESULT = INV\_LOG\_EVENT AND VPFIELD.EXPERIMENT.ID = #ADDIN.CURRENTEXPERIMENTID AND VPFIELD.EXPERIMENT.ENTRY.ID = #ADDIN.CURRENTENTRYID |
| Instrument | R203C5:R230C5 | INV\_LOG\_INSTCOMMENTS | Vpfield Type: String Action: Overwrite Condition: SELECT VPFIELD.EXPERIMENT.ENTRY.RESULT.VALUE FROM VPDATA WHERE VPFIELD.EXPERIMENT.ENTRY.RESULT = INV\_LOG\_INSTCOMMENTS AND VPFIELD.EXPERIMENT.ID = #ADDIN.CURRENTEXPERIMENTID AND VPFIELD.EXPERIMENT.ENTRY.ID = #ADDIN.CURRENTENTRYID |
| LMS | R3C4 | PH\_STAGE | Inputfield Type: Text  Executeonleave Title: Show/HIde Rows Description: Show/Hide rows based on type Code Name: waters.eln.ac.userinterface Type: Extern Parameters Parameter Value: SHOWROWSRANGE Description: Use the SHOWROWSRANGE function Parameter Value: #SHOW\_HIDE\_PH\_CAL\_SDS Description: Range to show/hide Parameter Value: #SHOW\_HIDE\_PH\_BUFFER\_SDS Parameter Value: #SHOW\_HIDE\_PH\_CAL\_MANUAL Parameter Value: #SHOW\_HIDE\_PH\_BUFFER\_MANUAL Parameter Value: #SHOW\_HIDE\_PH\_MEASUREMENT\_SDS Parameter Value: #SHOW\_HIDE\_ROW\_PH\_MEAS\_ADJUST\_SDS Parameter Value: #SHOW\_HIDE\_PH\_MEASUREMENT\_MANUAL Parameter Value: #SHOW\_HIDE\_ROW\_PH\_MEAS\_ADJUST\_MANUAL Parameter Value: #SHOW\_HIDE\_ROW\_PH\_HEADER  Lookup Title: Look up slope lower limits Description Source From: OracleDS Condition: SELECT LIST.ID INTO SLOPE\_LOW FROM VP\_LIST LIST WHERE LIST.LIST = 'pH Slope Lower Limit' AND LIST.DESCRIPTION like '%#SITE\_ID%' Rows: 1  Lookup Title: Look up slope upper limits Description Source From: OracleDS Condition: SELECT LIST.ID INTO SLOPE\_HIGH FROM VP\_LIST LIST WHERE LIST.LIST = 'pH Slope Upper Limit' AND LIST.DESCRIPTION like '%#SITE\_ID%' Rows: 1  Lookup Title: Look up offset lower limits Description Source From: OracleDS Condition: SELECT LIST.ID INTO OFFSET\_LOW FROM VP\_LIST LIST WHERE LIST.LIST = 'pH Offset Lower Limit' AND LIST.DESCRIPTION like '%#SITE\_ID%' Rows: 1  Lookup Title: Look up offset upper limits Description Source From: OracleDS Condition: SELECT LIST.ID INTO OFFSET\_HIGH FROM VP\_LIST LIST WHERE LIST.LIST = 'pH Offset Upper Limit' AND LIST.DESCRIPTION like '%#SITE\_ID%' Rows: 1  Lookup Title: Look up delta pH lower limits Description Source From: OracleDS Condition: SELECT LIST.ID INTO DELTA\_LOW FROM VP\_LIST LIST WHERE LIST.LIST = 'pH Delta pH Lower Limit' AND LIST.DESCRIPTION like '%#SITE\_ID%' Rows: 1  Lookup Title: Look up delta pH upper limits Description Source From: OracleDS Condition: SELECT LIST.ID INTO DELTA\_HIGH FROM VP\_LIST LIST WHERE LIST.LIST = 'pH Delta pH Upper Limit' AND LIST.DESCRIPTION like '%#SITE\_ID%' Rows: 1  Lookup Title: Look up zero pH lower limits Description Source From: OracleDS Condition: SELECT LIST.ID INTO ZERO\_PH\_LOW FROM VP\_LIST LIST WHERE LIST.LIST = 'pH Zero pH Lower Limit' AND LIST.DESCRIPTION like '%#SITE\_ID%' Rows: 1  Lookup Title: Look up zero pH upper limits Description Source From: OracleDS Condition: SELECT LIST.ID INTO ZERO\_PH\_HIGH FROM VP\_LIST LIST WHERE LIST.LIST = 'pH Zero pH Upper Limit' AND LIST.DESCRIPTION like '%#SITE\_ID%' Rows: 1  Lookup Title: Look up pH temp accuracy spec Description Source From: OracleDS Condition: SELECT LIST.ID INTO PH\_TEMP\_ACCURACY\_SPEC FROM VP\_LIST LIST WHERE LIST.LIST = 'pH Temp Accuracy' AND LIST.DESCRIPTION like '%#SITE\_ID%' Rows: 1  Lookup Title: Look up pH buffer accuracy spec Description Source From: OracleDS Condition: SELECT LIST.ID INTO PH\_BUFFER\_ACCURACY\_SPEC FROM VP\_LIST LIST WHERE LIST.LIST = 'pH Buffer Accuracy' AND LIST.DESCRIPTION like '%#SITE\_ID%' Rows: 1 |
| LMS | R5C4 | PH\_METER\_ID | Vplist Title: Select pH Meter Description Source From: OracleDS Condition: SELECT INST.INSTRUMENT\_ID AS Instrument ID, INST.VERIFICATION\_DUE\_TIMESTAMP AS Verif. Due Date, INST.CALIBRATON\_DUE\_TIMESTAMP AS Cal. Due Date INTO PH\_METER\_ID, , FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_CLASS = 'PH METER' AND INST.LAB like '#SITE\_ID%' AND NOT REGEXP\_LIKE(UPPER(INST.INSTRUMENT\_ID), '(.\*MEASURE.\*|.\*CALIBRATION DATE.\*)') ORDER BY INST.INSTRUMENT\_ID Rows: 1  Lookup Title: Look up Instrument Name Description: Look up Instrument Name Source From: OracleDS Condition: SELECT INST.INSTRUMENT\_NAME, INST.INSTRUMENT\_SN INTO PH\_ID\_NAME, PH\_METER\_SERIAL FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_METER\_ID' Rows: 1  Lookup Title: Look up Verification Due Date Description: Look up Verification Due Date Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM ') INTO PH\_VERIFY\_DUE\_DATE\_LAST FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_METER\_ID' Rows: 1 |
| LMS | R7C4 | PH\_METER\_LOCATION | Inputfield Type: Text  Reasonforchange |
| LMS | R9C4 | PH\_METER\_SERIAL | Reasonforchange  Inputfield Type: Text  Executeonleave Title: Sets Current Date for CF used with Last Verification Due Date Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: PH\_VERIFY\_DUE\_DATE\_CF |
| LMS | R11C4 | TEMP\_PROBE\_ID | Vplist Title: Look up Thermometer Description Source From: OracleDS Condition: SELECT INST.INSTRUMENT\_ID INTO TEMP\_PROBE\_ID FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_CLASS = 'THERMOMETER' AND INST.LAB like '#SITE\_ID%' Rows: 1  Reasonforchange  Inputfield Type: Text  Lookup Title: Look up Temp. Probe Cal due date Description Source From: OracleDS Condition: SELECT TO\_CHAR(INST.CALIBRATON\_DUE\_DATE,'MM/DD/YYYY HH:MI:SS AM ') INTO TEMP\_EXPIRY\_DATE FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#TEMP\_PROBE\_ID' Rows: 1  Executeonleave Title: Set Current Date for CF use with Temp Probe Expiry Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: TEMP\_PROBE\_DUE\_DATE\_CF |
| LMS | R13C4 | ELECTRODE\_ID | Inputfield Type: Text  Reasonforchange  Vplist Title: Look up pH electrode Description Source From: OracleDS Condition: SELECT INST.INSTRUMENT\_ID INTO ELECTRODE\_ID FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_CLASS = 'PH ELECTRODE' AND INST.LAB like '#SITE\_ID%' Rows: 1  Lookup Title: Look up Electrode Probe Cal due date Description Source From: OracleDS Condition: SELECT TO\_CHAR(INST.CALIBRATON\_DUE\_DATE,'MM/DD/YYYY HH:MI:SS AM') INTO ELECTRODE\_EXPIRY\_DATE FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#ELECTRODE\_ID' Rows: 1  Executeonleave Title: Set Current Date for CF use with Electrode Expiry Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: ELECTRODE\_DUE\_DATE\_CF |
| LMS | R19C4 | SDS\_BUFFER\_STAGE | Inputfield Type: Text  Executeonleave Title: Show/HIde Rows Description: Show/Hide rows based on type Code Name: waters.eln.ac.userinterface Type: Extern Parameters Parameter Value: SHOWROWSRANGE Description: Use the SHOWROWSRANGE function Parameter Value: #SHOW\_HIDE\_PH\_BUFFER\_SDS |
| LMS | R21C4 | S\_COUNT | Inputfield Type: Text  Executeonleave Title: Table Control Description: Show or hide rows in the table Code Name: waters.eln.ac.userinterface Type: Extern Parameters Parameter Value: TABLECONTROLA Description: Use the TABLECONTROLA function Parameter Value: S Description: Table prefix |
| LMS | R24C3 | BUFFER\_INT\_LOT\_SDS\_1 | Reasonforchange  Inputfield Type: Text  Dbvalidation Source From: OracleDS Condition: SELECT CHEM.MANUFACTURER, CHEM.LOTNR, CHEM.EXP\_DATE, CHEM.GUID\_M, CHEM.PH, CHEM.ACTIVE INTO BUFFER\_VENDOR\_SDS\_1, BUFFER\_LOT\_SDS\_1, BUFFER\_EXP\_SDS\_1, Reagent!R303C3, PH\_SDS\_CERT\_1, BUFFER\_ACTIVE\_SDS\_CF\_1 FROM VIEW\_CHEMICALS CHEM WHERE CHEM.BATCH\_NO\_INTERNAL = '#BUFFER\_INT\_LOT\_SDS\_1' Failure Message: Material not found in database Success  Vplist Title: Search for Buffer Description Source From: OracleDS Condition: SELECT CHEM.BATCH\_NO\_INTERNAL AS Internal Lot #, CHEM.MATERIAL\_NAME AS Name, CHEM.LOTNR AS Lot #, CHEM.EXP\_DATE AS Expiry Date, CHEM.PH AS pH, CHEM.ACTIVE AS Active, CHEM.MANUFACTURER AS Manufacturer INTO BUFFER\_INT\_LOT\_SDS\_1, , , , , , FROM VIEW\_CHEMICALS CHEM WHERE CHEM.LAB like '#SITE\_ID%' Rows: 1 |
| LMS | R24C4 | BUFFER\_VENDOR\_SDS\_1 | Reasonforchange  Inputfield Type: Text |
| LMS | R24C5 | BUFFER\_LOT\_SDS\_1 | Reasonforchange  Inputfield Type: Text |
| LMS | R24C6 | BUFFER\_EXP\_SDS\_1 | Reasonforchange  Inputfield Type: Text  Executeonleave Title: Set Current Date for CF use with Buffer Expiry Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: BUFFER\_EXP\_SDS\_CF\_1 |
| LMS | R24C7 | PH\_SDS\_CERT\_1 | Reasonforchange  Inputfield Type: Text |
| LMS | R24C8:R28C10;R25C11:R28C11;R33C3:R33C4;R33C6:R33C10;R38C9:R38C11 | CAL\_SDS\_RO | Reasonforchange  Inputfield Type: Text |
| LMS | R25C3 | BUFFER\_INT\_LOT\_SDS\_2 | Dbvalidation Source From: OracleDS Condition: SELECT CHEM.MANUFACTURER, CHEM.LOTNR, CHEM.EXP\_DATE, CHEM.GUID\_M, CHEM.PH, CHEM.ACTIVE INTO BUFFER\_VENDOR\_SDS\_2, BUFFER\_LOT\_SDS\_2, BUFFER\_EXP\_SDS\_2, Reagent!R304C3, PH\_SDS\_CERT\_2, BUFFER\_ACTIVE\_SDS\_CF\_2 FROM VIEW\_CHEMICALS CHEM WHERE CHEM.BATCH\_NO\_INTERNAL = '#BUFFER\_INT\_LOT\_SDS\_2' Failure Message: Material not found in database Success  Inputfield Type: Text  Reasonforchange  Vplist Title: Search for Buffer Description Source From: OracleDS Condition: SELECT CHEM.BATCH\_NO\_INTERNAL AS Internal Lot #, CHEM.MATERIAL\_NAME AS Name, CHEM.LOTNR AS Lot #, CHEM.EXP\_DATE AS Expiry Date, CHEM.PH AS pH, CHEM.ACTIVE AS Active, CHEM.MANUFACTURER AS Manufacturer INTO BUFFER\_INT\_LOT\_SDS\_2, , , , , , FROM VIEW\_CHEMICALS CHEM WHERE CHEM.LAB like '#SITE\_ID%' Rows: 1 |
| LMS | R25C4 | BUFFER\_VENDOR\_SDS\_2 | Inputfield Type: Text  Reasonforchange |
| LMS | R25C5 | BUFFER\_LOT\_SDS\_2 | Inputfield Type: Text  Reasonforchange |
| LMS | R25C6 | BUFFER\_EXP\_SDS\_2 | Inputfield Type: Text  Reasonforchange  Executeonleave Title: Set Current Date for CF use with Buffer Expiry Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: BUFFER\_EXP\_SDS\_CF\_2 |
| LMS | R25C7 | PH\_SDS\_CERT\_2 | Inputfield Type: Text  Reasonforchange |
| LMS | R26C3 | BUFFER\_INT\_LOT\_SDS\_3 | Dbvalidation Source From: OracleDS Condition: SELECT CHEM.MANUFACTURER, CHEM.LOTNR, CHEM.EXP\_DATE, CHEM.GUID\_M, CHEM.PH, CHEM.ACTIVE INTO BUFFER\_VENDOR\_SDS\_3, BUFFER\_LOT\_SDS\_3, BUFFER\_EXP\_SDS\_3, Reagent!R305C3, PH\_SDS\_CERT\_3, BUFFER\_ACTIVE\_SDS\_CF\_3 FROM VIEW\_CHEMICALS CHEM WHERE CHEM.BATCH\_NO\_INTERNAL = '#BUFFER\_INT\_LOT\_SDS\_3' Failure Message: Material not found in database Success  Inputfield Type: Text  Reasonforchange  Vplist Title: Search for Buffer Description Source From: OracleDS Condition: SELECT CHEM.BATCH\_NO\_INTERNAL AS Internal Lot #, CHEM.MATERIAL\_NAME AS Name, CHEM.LOTNR AS Lot #, CHEM.EXP\_DATE AS Expiry Date, CHEM.PH AS pH, CHEM.ACTIVE AS Active, CHEM.MANUFACTURER AS Manufacturer INTO BUFFER\_INT\_LOT\_SDS\_3, , , , , , FROM VIEW\_CHEMICALS CHEM WHERE CHEM.LAB like '#SITE\_ID%' Rows: 1 |
| LMS | R26C4 | BUFFER\_VENDOR\_SDS\_3 | Inputfield Type: Text  Reasonforchange |
| LMS | R26C5 | BUFFER\_LOT\_SDS\_3 | Inputfield Type: Text  Reasonforchange |
| LMS | R26C6 | BUFFER\_EXP\_SDS\_3 | Inputfield Type: Text  Reasonforchange  Executeonleave Title: Set Current Date for CF use with Buffer Expiry Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: BUFFER\_EXP\_SDS\_CF\_3 |
| LMS | R26C7 | PH\_SDS\_CERT\_3 | Inputfield Type: Text  Reasonforchange |
| LMS | R27C3 | BUFFER\_INT\_LOT\_SDS\_4 | Dbvalidation Source From: OracleDS Condition: SELECT CHEM.MANUFACTURER, CHEM.LOTNR, CHEM.EXP\_DATE, CHEM.GUID\_M, CHEM.PH, CHEM.ACTIVE INTO BUFFER\_VENDOR\_SDS\_4, BUFFER\_LOT\_SDS\_4, BUFFER\_EXP\_SDS\_4, Reagent!R306C3, PH\_SDS\_CERT\_4, BUFFER\_ACTIVE\_SDS\_CF\_4 FROM VIEW\_CHEMICALS CHEM WHERE CHEM.BATCH\_NO\_INTERNAL = '#BUFFER\_INT\_LOT\_SDS\_4' Failure Message: Material not found in database Success  Inputfield Type: Text  Reasonforchange  Vplist Title: Search for Buffer Description Source From: OracleDS Condition: SELECT CHEM.BATCH\_NO\_INTERNAL AS Internal Lot #, CHEM.MATERIAL\_NAME AS Name, CHEM.LOTNR AS Lot #, CHEM.EXP\_DATE AS Expiry Date, CHEM.PH AS pH, CHEM.ACTIVE AS Active, CHEM.MANUFACTURER AS Manufacturer INTO BUFFER\_INT\_LOT\_SDS\_4, , , , , , FROM VIEW\_CHEMICALS CHEM WHERE CHEM.LAB like '#SITE\_ID%' Rows: 1 |
| LMS | R27C4 | BUFFER\_VENDOR\_SDS\_4 | Inputfield Type: Text  Reasonforchange |
| LMS | R27C5 | BUFFER\_LOT\_SDS\_4 | Inputfield Type: Text  Reasonforchange |
| LMS | R27C6 | BUFFER\_EXP\_SDS\_4 | Inputfield Type: Text  Reasonforchange  Executeonleave Title: Set Current Date for CF use with Buffer Expiry Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: BUFFER\_EXP\_SDS\_CF\_4 |
| LMS | R27C7 | PH\_SDS\_CERT\_4 | Inputfield Type: Text  Reasonforchange |
| LMS | R28C3 | BUFFER\_INT\_LOT\_SDS\_5 | Dbvalidation Source From: OracleDS Condition: SELECT CHEM.MANUFACTURER, CHEM.LOTNR, CHEM.EXP\_DATE, CHEM.GUID\_M, CHEM.PH, CHEM.ACTIVE INTO BUFFER\_VENDOR\_SDS\_5, BUFFER\_LOT\_SDS\_5, BUFFER\_EXP\_SDS\_5, Reagent!R307C3, PH\_SDS\_CERT\_5, BUFFER\_ACTIVE\_SDS\_CF\_5 FROM VIEW\_CHEMICALS CHEM WHERE CHEM.BATCH\_NO\_INTERNAL = '#BUFFER\_INT\_LOT\_SDS\_5' Failure Message: Material not found in database Success  Inputfield Type: Text  Reasonforchange  Vplist Title: Search for Buffer Description Source From: OracleDS Condition: SELECT CHEM.BATCH\_NO\_INTERNAL AS Internal Lot #, CHEM.MATERIAL\_NAME AS Name, CHEM.LOTNR AS Lot #, CHEM.EXP\_DATE AS Expiry Date, CHEM.PH AS pH, CHEM.ACTIVE AS Active, CHEM.MANUFACTURER AS Manufacturer INTO BUFFER\_INT\_LOT\_SDS\_5, , , , , , FROM VIEW\_CHEMICALS CHEM WHERE CHEM.LAB like '#SITE\_ID%' Rows: 1 |
| LMS | R28C4 | BUFFER\_VENDOR\_SDS\_5 | Inputfield Type: Text  Reasonforchange |
| LMS | R28C5 | BUFFER\_LOT\_SDS\_5 | Inputfield Type: Text  Reasonforchange |
| LMS | R28C6 | BUFFER\_EXP\_SDS\_5 | Inputfield Type: Text  Reasonforchange  Executeonleave Title: Set Current Date for CF use with Buffer Expiry Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: BUFFER\_EXP\_SDS\_CF\_5 |
| LMS | R28C7 | PH\_SDS\_CERT\_5 | Inputfield Type: Text  Reasonforchange |
| LMS | R30C3 | RETRIEVE\_SDS\_CAL | Title: Retrieve Calibration Values Description: Retrieve Calibration Values Previouscell Nextcell Infocell Sdsparameters Sdsparameter Name: Device ID Output Cell Sheet: LMS Address: R9C4 Name: PH\_METER\_SERIAL Unitoutput Isreadonly Sdsparameter Name: Device Type Output Unitoutput Isreadonly Sdsparameter Name: Device Name Output Unitoutput Isreadonly Sdsparameter Name: Location Output Cell Sheet: LMS Address: R7C4 Name: PH\_METER\_LOCATION Unitoutput Isreadonly Sdsparameter Name: pH buffer 1 Output Cell Sheet: LMS Address: R24C8 Name: PH\_SDS\_ACTUAL\_1 Unitoutput Sdsparameter Name: pH buffer 2 Output Cell Sheet: LMS Address: R25C8 Name: PH\_SDS\_ACTUAL\_2 Unitoutput Sdsparameter Name: pH buffer 3 Output Cell Sheet: LMS Address: R26C8 Name: PH\_SDS\_ACTUAL\_3 Unitoutput Sdsparameter Name: pH buffer 4 Output Cell Sheet: LMS Address: R27C8 Name: PH\_SDS\_ACTUAL\_4 Unitoutput Sdsparameter Name: pH buffer 5 Output Cell Sheet: LMS Address: R28C8 Name: PH\_SDS\_ACTUAL\_5 Unitoutput Sdsparameter Name: U/mV 1 Output Cell Sheet: LMS Address: R24C9 Name: PH\_SDS\_RESPON\_1 Unitoutput Sdsparameter Name: U/mV 2 Output Cell Sheet: LMS Address: R25C9 Name: PH\_SDS\_RESPON\_2 Unitoutput Sdsparameter Name: U/mV 3 Output Cell Sheet: LMS Address: R26C9 Name: PH\_SDS\_RESPON\_3 Unitoutput Sdsparameter Name: U/mV 4 Output Cell Sheet: LMS Address: R27C9 Name: PH\_SDS\_RESPON\_4 Unitoutput Sdsparameter Name: U/mV 5 Output Cell Sheet: LMS Address: R28C9 Name: PH\_SDS\_RESPON\_5 Unitoutput Sdsparameter Name: dpH1 Output Cell Sheet: LMS Address: R24C10 Name: PH\_SDS\_DELTA\_1 Unitoutput Sdsparameter Name: dpH2 Output Cell Sheet: LMS Address: R25C10 Name: PH\_SDS\_DELTA\_2 Unitoutput Sdsparameter Name: dpH3 Output Cell Sheet: LMS Address: R26C10 Name: PH\_SDS\_DELTA\_3 Unitoutput Sdsparameter Name: dpH4 Output Cell Sheet: LMS Address: R27C10 Name: PH\_SDS\_DELTA\_4 Unitoutput Sdsparameter Name: dpH5 Output Cell Sheet: LMS Address: R28C10 Name: PH\_SDS\_DELTA\_5 Unitoutput Sdsparameter Name: offset1 Output Cell Sheet: LMS Address: R25C11 Name: SDS\_OFFSET\_1 Unitoutput Sdsparameter Name: offset2 Output Cell Sheet: LMS Address: R26C11 Name: SDS\_OFFSET\_2 Unitoutput Sdsparameter Name: offset3 Output Cell Sheet: LMS Address: R27C11 Name: SDS\_OFFSET\_3 Unitoutput Sdsparameter Name: offset4 Output Cell Sheet: LMS Address: R28C11 Name: SDS\_OFFSET\_4 Unitoutput Sdsparameter Name: Slope Output Cell Sheet: Config Address: R40C2 Name: SDS\_SLOPE\_PARSED Unitoutput Sdsparameter Name: temperature Output Cell Sheet: LMS Address: R33C6 Name: SDS\_CAL\_TEMP Unitoutput Sdsparameter Name: pH(0) Output Cell Sheet: LMS Address: R33C7 Name: SDS\_CAL\_PH0 Unitoutput Sdsparameter Name: Buffer Type Output Cell Sheet: LMS Address: R33C8 Name: SDS\_CAL\_BTYPE Unitoutput Sdsparameter Name: Cal. date Output Cell Sheet: LMS Address: R33C9 Name: SDS\_CAL\_DATE\_PHMETER Unitoutput Condition: SELECT INSTRUMENTCONFIG FROM VPDATA WHERE INSTRUMENTID = '#PH\_METER\_ID' |
| LMS | R30C6 | SDS\_CAL\_PASS\_FAIL | Reasonforchange  Inputfield Type: Text |
| LMS | R30C9 | RETRIEVE\_SDS\_CAL\_DATE | Title: Retrieve pH Meter Cal. Date/Time Description: Retrieve pH Meter Cal. Date/Time Previouscell Nextcell Infocell Sdsparameters Sdsparameter Name: Device ID Output Unitoutput Isreadonly Sdsparameter Name: Device Type Output Unitoutput Isreadonly Sdsparameter Name: Device Name Output Unitoutput Isreadonly Sdsparameter Name: Location Output Unitoutput Isreadonly Sdsparameter Name: Cal. date Output Cell Sheet: LMS Address: R33C9 Name: SDS\_CAL\_DATE\_PHMETER Unitoutput Condition: SELECT INSTRUMENTCONFIG FROM VPDATA WHERE INSTRUMENTID = '#PH\_METER\_ID\_CAL\_DATE' OR INSTRUMENTID = '#PH\_METER\_ID' |
| LMS | R38C3 | VERIFY\_BUFFER\_INT\_LOT\_SDS | Inputfield Type: Text  Reasonforchange  Vplist Title: Search for Buffer Description Source From: OracleDS Condition: SELECT CHEM.BATCH\_NO\_INTERNAL AS Internal Lot #, CHEM.MATERIAL\_NAME AS Name, CHEM.LOTNR AS Lot #, CHEM.EXP\_DATE AS Expiry Date, CHEM.PH AS pH, CHEM.ACTIVE AS Active, CHEM.MANUFACTURER AS Manufacturer INTO VERIFY\_BUFFER\_INT\_LOT\_SDS, , , , , VERIFY\_BUFFER\_ACTIVE\_SDS, FROM VIEW\_CHEMICALS CHEM WHERE CHEM.LAB like '#SITE\_ID%' Rows: 1  Dbvalidation Source From: OracleDS Condition: SELECT CHEM.MANUFACTURER, CHEM.LOTNR, CHEM.EXP\_DATE, CHEM.GUID\_M, CHEM.PH, CHEM.ACTIVE INTO VERIFY\_BUFFER\_VENDOR\_SDS, VERIFY\_BUFFER\_LOT\_SDS, VERIFY\_BUFFER\_EXP\_SDS, Reagent!R308C3, VERIFY\_BUFFER\_ACTUAL\_PH\_SDS, VERIFY\_BUFFER\_ACTIVE\_SDS FROM VIEW\_CHEMICALS CHEM WHERE CHEM.BATCH\_NO\_INTERNAL = '#VERIFY\_BUFFER\_INT\_LOT\_SDS' Failure Message: Material not found in database Success |
| LMS | R38C4 | VERIFY\_BUFFER\_VENDOR\_SDS | Reasonforchange  Inputfield Type: Text |
| LMS | R38C5 | VERIFY\_BUFFER\_LOT\_SDS | Reasonforchange  Inputfield Type: Text |
| LMS | R38C6 | VERIFY\_BUFFER\_EXP\_SDS | Reasonforchange  Inputfield Type: Text  Executeonleave Title: Set Current Date for CF use with Ver Buffer Expiry Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: VERIFY\_BUFFER\_EXP\_SDS\_CF |
| LMS | R38C7 | VERIFY\_BUFFER\_ACTUAL\_PH\_SDS | Reasonforchange  Inputfield Type: Text |
| LMS | R38C8 | VERIFY\_BUFFER\_MEAS\_PH\_SDS | Title: Retrieve pH Buffer Description: Retrieve pH Buffer Previouscell Nextcell Infocell Sdsparameters Sdsparameter Name: Device ID Output Unitoutput Isreadonly Sdsparameter Name: Device Type Output Unitoutput Isreadonly Sdsparameter Name: Device Name Output Unitoutput Isreadonly Sdsparameter Name: Location Output Unitoutput Isreadonly Sdsparameter Name: Temp Output Cell Sheet: LMS Address: R38C9 Name: VERIFY\_BUFFER\_TEMP\_SDS Unitoutput Sdsparameter Name: pH Output Cell Sheet: LMS Address: R38C8 Name: VERIFY\_BUFFER\_MEAS\_PH\_SDS Unitoutput Condition: SELECT INSTRUMENTCONFIG FROM VPDATA WHERE INSTRUMENTID LIKE '#PH\_ID Measure' OR INSTRUMENTID = '#PH\_ID'   Reasonforchange  Inputfield Type: Text |
| LMS | R43C4 | MANUAL\_BUFFER\_STAGE | Inputfield Type: Text  Executeonleave Title: Show/HIde Rows Description: Show/Hide rows based on type Code Name: waters.eln.ac.userinterface Type: Extern Parameters Parameter Value: SHOWROWSRANGE Description: Use the SHOWROWSRANGE function Parameter Value: #SHOW\_HIDE\_PH\_BUFFER\_MANUAL |
| LMS | R45C4 | M\_COUNT | Inputfield Type: Text  Executeonleave Title: Table Control Description: Show or hide rows in the table Code Name: waters.eln.ac.userinterface Type: Extern Parameters Parameter Value: TABLECONTROLA Description: Use the TABLECONTROLA function Parameter Value: M Description: Table prefix |
| LMS | R48C3 | BUFFER\_INT\_LOT\_MAN\_1 | Dbvalidation Source From: OracleDS Condition: SELECT CHEM.MANUFACTURER, CHEM.LOTNR, CHEM.EXP\_DATE, CHEM.GUID\_M, CHEM.PH, CHEM.ACTIVE INTO BUFFER\_VENDOR\_MAN\_1, BUFFER\_LOT\_MAN\_1, BUFFER\_EXP\_MAN\_1, Reagent!R310C3, PH\_MAN\_CERT\_1, BUFFER\_ACTIVE\_MAN\_CF\_1 FROM VIEW\_CHEMICALS CHEM WHERE CHEM.BATCH\_NO\_INTERNAL = '#BUFFER\_INT\_LOT\_MAN\_1' Failure Message: Material not found in database Success  Inputfield Type: Text  Reasonforchange  Vplist Title: Search for Buffer Description Source From: OracleDS Condition: SELECT CHEM.BATCH\_NO\_INTERNAL AS Internal Lot #, CHEM.MATERIAL\_NAME AS Name, CHEM.LOTNR AS Lot #, CHEM.EXP\_DATE AS Expiry Date, CHEM.PH AS pH, CHEM.ACTIVE AS Active, CHEM.MANUFACTURER AS Manufacturer INTO BUFFER\_INT\_LOT\_MAN\_1, , , , , , FROM VIEW\_CHEMICALS CHEM WHERE CHEM.LAB like '#SITE\_ID%' Rows: 1 |
| LMS | R48C4 | BUFFER\_VENDOR\_MAN\_1 | Reasonforchange  Inputfield Type: Text |
| LMS | R48C5 | BUFFER\_LOT\_MAN\_1 | Inputfield Type: Text  Reasonforchange |
| LMS | R48C6 | BUFFER\_EXP\_MAN\_1 | Reasonforchange  Inputfield Type: Text  Executeonleave Title: Set Current Date for CF use with Buffer Expiry Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: BUFFER\_EXP\_MAN\_CF\_1 |
| LMS | R48C7 | PH\_MAN\_CERT\_1 | Inputfield Type: Text  Reasonforchange |
| LMS | R48C8 | PH\_MAN\_ACTUAL\_1 | Reasonforchange  Inputfield Type: Text |
| LMS | R48C9 | PH\_MAN\_RESPON\_1 | Reasonforchange  Inputfield Type: Text |
| LMS | R48C10 | PH\_MAN\_DELTA\_1 | Inputfield Type: Text  Reasonforchange |
| LMS | R49C3 | BUFFER\_INT\_LOT\_MAN\_2 | Reasonforchange  Inputfield Type: Text  Dbvalidation Source From: OracleDS Condition: SELECT CHEM.MANUFACTURER, CHEM.LOTNR, CHEM.EXP\_DATE, CHEM.GUID\_M, CHEM.PH, CHEM.ACTIVE INTO BUFFER\_VENDOR\_MAN\_2, BUFFER\_LOT\_MAN\_2, BUFFER\_EXP\_MAN\_2, Reagent!R311C3, PH\_MAN\_CERT\_2, BUFFER\_ACTIVE\_MAN\_CF\_2 FROM VIEW\_CHEMICALS CHEM WHERE CHEM.BATCH\_NO\_INTERNAL = '#BUFFER\_INT\_LOT\_MAN\_2' Failure Message: Material not found in database Success  Vplist Title: Search for Buffer Description Source From: OracleDS Condition: SELECT CHEM.BATCH\_NO\_INTERNAL AS Internal Lot #, CHEM.MATERIAL\_NAME AS Name, CHEM.LOTNR AS Lot #, CHEM.EXP\_DATE AS Expiry Date, CHEM.PH AS pH, CHEM.ACTIVE AS Active, CHEM.MANUFACTURER AS Manufacturer INTO BUFFER\_INT\_LOT\_MAN\_2, , , , , , FROM VIEW\_CHEMICALS CHEM WHERE CHEM.LAB like '#SITE\_ID%' Rows: 1 |
| LMS | R49C4 | BUFFER\_VENDOR\_MAN\_2 | Inputfield Type: Text  Reasonforchange |
| LMS | R49C5 | BUFFER\_LOT\_MAN\_2 | Inputfield Type: Text  Reasonforchange |
| LMS | R49C6 | BUFFER\_EXP\_MAN\_2 | Inputfield Type: Text  Reasonforchange  Executeonleave Title: Set Current Date for CF use with Buffer Expiry Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: BUFFER\_EXP\_MAN\_CF\_2 |
| LMS | R49C7 | PH\_MAN\_CERT\_2 | Inputfield Type: Text  Reasonforchange |
| LMS | R49C8 | PH\_MAN\_ACTUAL\_2 | Inputfield Type: Text  Reasonforchange |
| LMS | R49C9 | PH\_MAN\_RESPON\_2 | Inputfield Type: Text  Reasonforchange |
| LMS | R49C10 | PH\_MAN\_DELTA\_2 | Inputfield Type: Text  Reasonforchange |
| LMS | R49C11 | MAN\_OFFSET\_1 | Inputfield Type: Text  Reasonforchange |
| LMS | R50C3 | BUFFER\_INT\_LOT\_MAN\_3 | Reasonforchange  Inputfield Type: Text  Dbvalidation Source From: OracleDS Condition: SELECT CHEM.MANUFACTURER, CHEM.LOTNR, CHEM.EXP\_DATE, CHEM.GUID\_M, CHEM.PH, CHEM.ACTIVE INTO BUFFER\_VENDOR\_MAN\_3, BUFFER\_LOT\_MAN\_3, BUFFER\_EXP\_MAN\_3, Reagent!R312C3, PH\_MAN\_CERT\_3, BUFFER\_ACTIVE\_MAN\_CF\_3 FROM VIEW\_CHEMICALS CHEM WHERE CHEM.BATCH\_NO\_INTERNAL = '#BUFFER\_INT\_LOT\_MAN\_3' Failure Message: Material not found in database Success  Vplist Title: Search for Buffer Description Source From: OracleDS Condition: SELECT CHEM.BATCH\_NO\_INTERNAL AS Internal Lot #, CHEM.MATERIAL\_NAME AS Name, CHEM.LOTNR AS Lot #, CHEM.EXP\_DATE AS Expiry Date, CHEM.PH AS pH, CHEM.ACTIVE AS Active, CHEM.MANUFACTURER AS Manufacturer INTO BUFFER\_INT\_LOT\_MAN\_3, , , , , , FROM VIEW\_CHEMICALS CHEM WHERE CHEM.LAB like '#SITE\_ID%' Rows: 1 |
| LMS | R50C4 | BUFFER\_VENDOR\_MAN\_3 | Inputfield Type: Text  Reasonforchange |
| LMS | R50C5 | BUFFER\_LOT\_MAN\_3 | Inputfield Type: Text  Reasonforchange |
| LMS | R50C6 | BUFFER\_EXP\_MAN\_3 | Inputfield Type: Text  Reasonforchange  Executeonleave Title: Set Current Date for CF use with Buffer Expiry Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: BUFFER\_EXP\_MAN\_CF\_3 |
| LMS | R50C7 | PH\_MAN\_CERT\_3 | Inputfield Type: Text  Reasonforchange |
| LMS | R50C8 | PH\_MAN\_ACTUAL\_3 | Inputfield Type: Text  Reasonforchange |
| LMS | R50C9 | PH\_MAN\_RESPON\_3 | Inputfield Type: Text  Reasonforchange |
| LMS | R50C10 | PH\_MAN\_DELTA\_3 | Inputfield Type: Text  Reasonforchange |
| LMS | R50C11 | MAN\_OFFSET\_2 | Inputfield Type: Text  Reasonforchange |
| LMS | R51C3 | BUFFER\_INT\_LOT\_MAN\_4 | Reasonforchange  Inputfield Type: Text  Dbvalidation Source From: OracleDS Condition: SELECT CHEM.MANUFACTURER, CHEM.LOTNR, CHEM.EXP\_DATE, CHEM.GUID\_M, CHEM.PH, CHEM.ACTIVE INTO BUFFER\_VENDOR\_MAN\_4, BUFFER\_LOT\_MAN\_4, BUFFER\_EXP\_MAN\_4, Reagent!R313C3, PH\_MAN\_CERT\_4, BUFFER\_ACTIVE\_MAN\_CF\_4 FROM VIEW\_CHEMICALS CHEM WHERE CHEM.BATCH\_NO\_INTERNAL = '#BUFFER\_INT\_LOT\_MAN\_4' Failure Message: Material not found in database Success  Vplist Title: Search for Buffer Description Source From: OracleDS Condition: SELECT CHEM.BATCH\_NO\_INTERNAL AS Internal Lot #, CHEM.MATERIAL\_NAME AS Name, CHEM.LOTNR AS Lot #, CHEM.EXP\_DATE AS Expiry Date, CHEM.PH AS pH, CHEM.ACTIVE AS Active, CHEM.MANUFACTURER AS Manufacturer INTO BUFFER\_INT\_LOT\_MAN\_4, , , , , , FROM VIEW\_CHEMICALS CHEM WHERE CHEM.LAB like '#SITE\_ID%' Rows: 1 |
| LMS | R51C4 | BUFFER\_VENDOR\_MAN\_4 | Inputfield Type: Text  Reasonforchange |
| LMS | R51C5 | BUFFER\_LOT\_MAN\_4 | Inputfield Type: Text  Reasonforchange |
| LMS | R51C6 | BUFFER\_EXP\_MAN\_4 | Inputfield Type: Text  Reasonforchange  Executeonleave Title: Set Current Date for CF use with Buffer Expiry Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: BUFFER\_EXP\_MAN\_CF\_4 |
| LMS | R51C7 | PH\_MAN\_CERT\_4 | Inputfield Type: Text  Reasonforchange |
| LMS | R51C8 | PH\_MAN\_ACTUAL\_4 | Inputfield Type: Text  Reasonforchange |
| LMS | R51C9 | PH\_MAN\_RESPON\_4 | Inputfield Type: Text  Reasonforchange |
| LMS | R51C10 | PH\_MAN\_DELTA\_4 | Inputfield Type: Text  Reasonforchange |
| LMS | R51C11 | MAN\_OFFSET\_3 | Inputfield Type: Text  Reasonforchange |
| LMS | R52C3 | BUFFER\_INT\_LOT\_MAN\_5 | Reasonforchange  Inputfield Type: Text  Dbvalidation Source From: OracleDS Condition: SELECT CHEM.MANUFACTURER, CHEM.LOTNR, CHEM.EXP\_DATE, CHEM.GUID\_M, CHEM.PH, CHEM.ACTIVE INTO BUFFER\_VENDOR\_MAN\_5, BUFFER\_LOT\_MAN\_5, BUFFER\_EXP\_MAN\_5, Reagent!R314C3, PH\_MAN\_CERT\_5, BUFFER\_ACTIVE\_MAN\_CF\_5 FROM VIEW\_CHEMICALS CHEM WHERE CHEM.BATCH\_NO\_INTERNAL = '#BUFFER\_INT\_LOT\_MAN\_5' Failure Message: Material not found in database Success  Vplist Title: Search for Buffer Description Source From: OracleDS Condition: SELECT CHEM.BATCH\_NO\_INTERNAL AS Internal Lot #, CHEM.MATERIAL\_NAME AS Name, CHEM.LOTNR AS Lot #, CHEM.EXP\_DATE AS Expiry Date, CHEM.PH AS pH, CHEM.ACTIVE AS Active, CHEM.MANUFACTURER AS Manufacturer INTO BUFFER\_INT\_LOT\_MAN\_5, , , , , , FROM VIEW\_CHEMICALS CHEM WHERE CHEM.LAB like '#SITE\_ID%' Rows: 1 |
| LMS | R52C4 | BUFFER\_VENDOR\_MAN\_5 | Inputfield Type: Text  Reasonforchange |
| LMS | R52C5 | BUFFER\_LOT\_MAN\_5 | Inputfield Type: Text  Reasonforchange |
| LMS | R52C6 | BUFFER\_EXP\_MAN\_5 | Inputfield Type: Text  Reasonforchange  Executeonleave Title: Set Current Date for CF use with Buffer Expiry Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: BUFFER\_EXP\_MAN\_CF\_5 |
| LMS | R52C7 | PH\_MAN\_CERT\_5 | Inputfield Type: Text  Reasonforchange |
| LMS | R52C8 | PH\_MAN\_ACTUAL\_5 | Inputfield Type: Text  Reasonforchange |
| LMS | R52C9 | PH\_MAN\_RESPON\_5 | Inputfield Type: Text  Reasonforchange |
| LMS | R52C10 | PH\_MAN\_DELTA\_5 | Inputfield Type: Text  Reasonforchange |
| LMS | R52C11 | MAN\_OFFSET\_4 | Inputfield Type: Text  Reasonforchange |
| LMS | R54C11 | MAN\_CAL\_PASS\_FAIL | Reasonforchange  Inputfield Type: Text |
| LMS | R55C3 | MAN\_SLOPE | Reasonforchange  Inputfield Type: Text  Executeonleave Title: Set Cal. Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MAN\_CAL\_DATE |
| LMS | R55C6 | MAN\_CAL\_TEMP | Reasonforchange  Inputfield Type: Text |
| LMS | R55C7 | MAN\_CAL\_PH0 | Reasonforchange  Inputfield Type: Text |
| LMS | R55C8 | MAN\_CAL\_BTYPE | Reasonforchange  Inputfield Type: Text |
| LMS | R60C3 | VERIFY\_BUFFER\_INT\_LOT\_MAN | Inputfield Type: Text  Reasonforchange  Vplist Title: Search for Buffer Description Source From: OracleDS Condition: SELECT CHEM.BATCH\_NO\_INTERNAL AS Internal Lot #, CHEM.MATERIAL\_NAME AS Name, CHEM.LOTNR AS Lot #, CHEM.EXP\_DATE AS Expiry Date, CHEM.PH AS pH, CHEM.ACTIVE AS Active, CHEM.MANUFACTURER AS Manufacturer INTO VERIFY\_BUFFER\_INT\_LOT\_MAN, , , , , VERIFY\_BUFFER\_ACTIVE\_MAN, FROM VIEW\_CHEMICALS CHEM WHERE CHEM.LAB like '#SITE\_ID%' Rows: 1  Dbvalidation Source From: OracleDS Condition: SELECT CHEM.MANUFACTURER, CHEM.LOTNR, CHEM.EXP\_DATE, CHEM.GUID\_M, CHEM.PH, CHEM.ACTIVE INTO VERIFY\_BUFFER\_VENDOR\_MAN, VERIFY\_BUFFER\_LOT\_MAN, VERIFY\_BUFFER\_EXP\_MAN, Reagent!R315C3, VERIFY\_BUFFER\_ACTUAL\_PH\_SDS, VERIFY\_BUFFER\_ACTIVE\_MAN FROM VIEW\_CHEMICALS CHEM WHERE CHEM.BATCH\_NO\_INTERNAL = '#VERIFY\_BUFFER\_INT\_LOT\_MAN' Failure Message: Material not found in database Success |
| LMS | R60C4 | VERIFY\_BUFFER\_VENDOR\_MAN | Reasonforchange  Inputfield Type: Text |
| LMS | R60C5 | VERIFY\_BUFFER\_LOT\_MAN | Inputfield Type: Text  Reasonforchange |
| LMS | R60C6 | VERIFY\_BUFFER\_EXP\_MAN | Inputfield Type: Text  Reasonforchange  Executeonleave Title: Set Current Date for CF use with Ver Buffer Expiry Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: VERIFY\_BUFFER\_EXP\_MAN\_CF |
| LMS | R60C7 | VERIFY\_BUFFER\_ACTUAL\_PH\_MAN | Inputfield Type: Text  Reasonforchange |
| LMS | R60C8 | VERIFY\_BUFFER\_MEAS\_PH\_MAN | Reasonforchange  Inputfield Type: Text |
| LMS | R60C9 | VERIFY\_BUFFER\_TEMP\_MAN | Reasonforchange  Inputfield Type: Text |
| LMS | R65C4 | MEAS\_ADJUST\_SDS\_STAGE | Inputfield Type: Text  Executeonleave Title: Show/HIde Rows Description: Show/Hide rows based on type Code Name: waters.eln.ac.userinterface Type: Extern Parameters Parameter Value: SHOWROWSRANGE Description: Use the SHOWROWSRANGE function Parameter Value: #SHOW\_HIDE\_ROW\_PH\_MEAS\_ADJUST\_SDS |
| LMS | R67C4 | MEAS\_ADJUST\_SDS\_SHELF\_STAGE | Inputfield Type: Text  Executeonleave Title: Show/HIde Rows Description: Show/Hide rows based on type Code Name: waters.eln.ac.userinterface Type: Extern Parameters Parameter Value: SHOWROWSRANGE Description: Use the SHOWROWSRANGE function Parameter Value: #SHOW\_HIDE\_ROW\_PH\_MEAS\_ADJUST\_SDS Parameter Value: #SHOW\_HIDE\_ROW\_PH\_MEAS\_ADJUST\_SDS\_REAGENT Parameter Value: #SHOW\_HIDE\_ROW\_PH\_MEAS\_ADJUST\_SHELF\_SDS Parameter Value: #SHOW\_HIDE\_ROW\_PH\_MEAS\_ADJUST\_PREP\_SDS |
| LMS | R72C3 | MEAS\_SHELF\_SDS\_INT\_LOT | Dbvalidation Source From: OracleDS Condition: SELECT CHEM.MANUFACTURER, CHEM.LOTNR, CHEM.EXP\_DATE, CHEM.GUID\_M, CHEM.MATERIAL\_ID INTO MEAS\_SHELF\_SDS\_VENDOR, MEAS\_SHELF\_SDS\_VENDOR\_LOT, MEAS\_SHELF\_SDS\_VENDOR\_EXP, Reagent!R309C3, MEAS\_SHELF\_SDS\_VENDOR\_NAME FROM VIEW\_CHEMICALS CHEM WHERE CHEM.BATCH\_NO\_INTERNAL = '#MEAS\_SHELF\_SDS\_INT\_LOT' Failure Message: Material not found in database Success  Reasonforchange  Inputfield Type: Text  Vplist Title: Search for Solution Description Source From: OracleDS Condition: SELECT CHEM.BATCH\_NO\_INTERNAL AS Internal Lot #, CHEM.MATERIAL\_NAME AS Name, CHEM.LOTNR AS Lot #, CHEM.EXP\_DATE AS Expiry Date, CHEM.PH AS pH, CHEM.ACTIVE AS Active, CHEM.MANUFACTURER AS Manufacturer INTO MEAS\_SHELF\_SDS\_INT\_LOT, , , , , , FROM VIEW\_CHEMICALS CHEM WHERE CHEM.LAB like '#SITE\_ID%' Rows: 1 |
| LMS | R72C4 | MEAS\_SHELF\_SDS\_VENDOR | Reasonforchange  Inputfield Type: Text |
| LMS | R72C5 | MEAS\_SHELF\_SDS\_VENDOR\_NAME | Reasonforchange  Inputfield Type: Text |
| LMS | R72C6 | MEAS\_SHELF\_SDS\_VENDOR\_LOT | Reasonforchange  Inputfield Type: Text |
| LMS | R72C7 | MEAS\_SHELF\_SDS\_VENDOR\_EXP | Reasonforchange  Inputfield Type: Text |
| LMS | R74C4 | MEAS\_PREP\_SDS\_SOLN | Reasonforchange  Inputfield Type: Text |
| LMS | R76C4 | MEAS\_SHELF\_SDS\_SOLN\_REF | Vplist Title: Select a reference document (last 14 days) Description Source From: OracleDS Condition: SELECT DOC.LIMSORDERNO INTO MEAS\_SHELF\_SDS\_SOLN\_REF FROM MEASUREORDER DOC WHERE DOC.LIMSORDERNO like '#SITE\_ID%' AND TO\_DATE(SUBSTR(modifier, 1, 8), 'YYYY-MM-DD') >= (SYSDATE-14) AND DOC.ORDERSOURCE = 'D' Rows: 1  Reasonforchange  Inputfield Type: Text |
| LMS | R78C4 | A\_COUNT | Inputfield Type: Text  Executeonleave Title: Table Control Description: Show or hide rows in the table Code Name: waters.eln.ac.userinterface Type: Extern Parameters Parameter Value: TABLECONTROLA Description: Use the TABLECONTROLA function Parameter Value: A Description: Table prefix |
| LMS | R78C7 | SET\_INST\_ID\_MEASDS | Vplist Title: Select a pH Meter Description Source From: OracleDS Condition: SELECT INST.INSTRUMENT\_ID AS Instrument ID, INST.VERIFICATION\_DUE\_TIMESTAMP AS Verif. Due Date, INST.CALIBRATON\_DUE\_TIMESTAMP AS Cal. Due Date INTO SET\_INST\_ID\_MEASDS, , FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_CLASS = 'PH METER' AND INST.LAB like '#SITE\_ID%' AND NOT REGEXP\_LIKE(UPPER(INST.INSTRUMENT\_ID),'(.\*CALIBRATE|.\*CALIBRATION DATE)') ORDER BY INST.INSTRUMENT\_ID Rows: 1  Dbvalidation Source From: OracleDS Condition: SELECT I.INSTRUMENT\_ID FROM VIEW\_INSTRUMENTS I WHERE I.INSTRUMENT\_ID = '#SET\_INST\_ID\_MEASDS' AND I.VERIFICATION\_DUE\_TIMESTAMP > TO\_TIMESTAMP('#TODAY\_NOW', 'MM/DD/YYYY HH:MI:SS AM') Failure Message: Instrument out of verification Success |
| LMS | R81C3 | MEAS\_SDS\_SOLN\_1 | Reasonforchange  Inputfield Type: Text |
| LMS | R81C4 | MEAS\_SDS\_PH\_1 | Sheet: LMS Address: R82C4 Name: MEAS\_SDS\_PH\_2  Title: Select a pH meter Description Previouscell Nextcell Cell Sheet: LMS Address: R82C4 Name: MEAS\_SDS\_PH\_2 Infocell Autonavigation Sdsparameters Sdsparameter Name: Device ID Output Unitoutput Isreadonly Sdsparameter Name: Device Type Output Unitoutput Isreadonly Sdsparameter Name: Device Name Output Cell Sheet: LMS Address: R81C8 Name: PH\_METER\_ID\_1 Unitoutput Isreadonly Sdsparameter Name: Location Output Unitoutput Isreadonly Sdsparameter Name: pH Output Cell Sheet: LMS Address: R81C4 Name: MEAS\_SDS\_PH\_1 Unitoutput Sdsparameter Name: Temp Output Cell Sheet: LMS Address: R81C5 Name: MEAS\_SDS\_TEMP\_1 Unitoutput Condition: SELECT INSTRUMENTCONFIG FROM VPDATA WHERE INSTRUMENTTYPE = 'PH METER' AND INSTRUMENTID = '#SET\_INST\_ID\_MEASDS'   Reasonforchange  Inputfield Type: Text |
| LMS | R81C8 | PH\_METER\_ID\_1 | Lookup Title: Look up Verification Due Date Description: Look up Verification Due Date Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VERIFY\_DUE\_DATE\_LAST\_1 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_METER\_ID\_1' Rows: 1  Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_SDS\_DATE\_1 |
| LMS | R81C9 | PH\_VERIFY\_DUE\_DATE\_LAST\_1 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R82C3 | MEAS\_SDS\_SOLN\_2 | Inputfield Type: Text  Reasonforchange |
| LMS | R82C4 | MEAS\_SDS\_PH\_2 | Sheet: LMS Address: R81C4 Name: MEAS\_SDS\_PH\_1 Sheet: LMS Address: R83C4 Name: MEAS\_SDS\_PH\_3  Title: Select a pH meter Description Previouscell Cell Sheet: LMS Address: R81C4 Name: MEAS\_SDS\_PH\_1 Nextcell Cell Sheet: LMS Address: R83C4 Name: MEAS\_SDS\_PH\_3 Infocell Autonavigation Sdsparameters Sdsparameter Name: Device ID Output Unitoutput Isreadonly Sdsparameter Name: Device Type Output Unitoutput Isreadonly Sdsparameter Name: Device Name Output Cell Sheet: LMS Address: R82C8 Name: PH\_METER\_ID\_2 Unitoutput Isreadonly Sdsparameter Name: Location Output Unitoutput Isreadonly Sdsparameter Name: pH Output Cell Sheet: LMS Address: R82C4 Name: MEAS\_SDS\_PH\_2 Unitoutput Sdsparameter Name: Temp Output Cell Sheet: LMS Address: R82C5 Name: MEAS\_SDS\_TEMP\_2 Unitoutput Condition: SELECT INSTRUMENTCONFIG FROM VPDATA WHERE INSTRUMENTTYPE = 'PH METER' AND INSTRUMENTID = '#SET\_INST\_ID\_MEASDS'   Reasonforchange  Inputfield Type: Text |
| LMS | R82C8 | PH\_METER\_ID\_2 | Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_SDS\_DATE\_2  Lookup Title: Look up Verification Due Date Description: Look up Verification Due Date Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VERIFY\_DUE\_DATE\_LAST\_2 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_METER\_ID\_2' Rows: 1 |
| LMS | R82C9 | PH\_VERIFY\_DUE\_DATE\_LAST\_2 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R83C3 | MEAS\_SDS\_SOLN\_3 | Inputfield Type: Text  Reasonforchange |
| LMS | R83C4 | MEAS\_SDS\_PH\_3 | Reasonforchange  Inputfield Type: Text  Sheet: LMS Address: R82C4 Name: MEAS\_SDS\_PH\_2 Sheet: LMS Address: R84C4 Name: MEAS\_SDS\_PH\_4  Title: Select a pH meter Description Previouscell Cell Sheet: LMS Address: R82C4 Name: MEAS\_SDS\_PH\_2 Nextcell Cell Sheet: LMS Address: R84C4 Name: MEAS\_SDS\_PH\_4 Infocell Autonavigation Sdsparameters Sdsparameter Name: Device ID Output Unitoutput Isreadonly Sdsparameter Name: Device Type Output Unitoutput Isreadonly Sdsparameter Name: Device Name Output Cell Sheet: LMS Address: R83C8 Name: PH\_METER\_ID\_3 Unitoutput Isreadonly Sdsparameter Name: Location Output Unitoutput Isreadonly Sdsparameter Name: pH Output Cell Sheet: LMS Address: R83C4 Name: MEAS\_SDS\_PH\_3 Unitoutput Sdsparameter Name: Temp Output Cell Sheet: LMS Address: R83C5 Name: MEAS\_SDS\_TEMP\_3 Unitoutput Condition: SELECT INSTRUMENTCONFIG FROM VPDATA WHERE INSTRUMENTTYPE = 'PH METER' AND INSTRUMENTID = '#SET\_INST\_ID\_MEASDS' |
| LMS | R83C8 | PH\_METER\_ID\_3 | Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_SDS\_DATE\_3  Lookup Title: Look up Verification Due Date Description: Look up Verification Due Date Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VERIFY\_DUE\_DATE\_LAST\_3 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_METER\_ID\_3' Rows: 1 |
| LMS | R83C9 | PH\_VERIFY\_DUE\_DATE\_LAST\_3 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R84C3 | MEAS\_SDS\_SOLN\_4 | Inputfield Type: Text  Reasonforchange |
| LMS | R84C4 | MEAS\_SDS\_PH\_4 | Inputfield Type: Text  Reasonforchange  Sheet: LMS Address: R83C4 Name: MEAS\_SDS\_PH\_3 Sheet: LMS Address: R85C4 Name: MEAS\_SDS\_PH\_5  Title: Select a pH meter Description Previouscell Cell Sheet: LMS Address: R83C4 Name: MEAS\_SDS\_PH\_3 Nextcell Cell Sheet: LMS Address: R85C4 Name: MEAS\_SDS\_PH\_5 Infocell Autonavigation Sdsparameters Sdsparameter Name: Device ID Output Unitoutput Isreadonly Sdsparameter Name: Device Type Output Unitoutput Isreadonly Sdsparameter Name: Device Name Output Cell Sheet: LMS Address: R84C8 Name: PH\_METER\_ID\_4 Unitoutput Isreadonly Sdsparameter Name: Location Output Unitoutput Isreadonly Sdsparameter Name: pH Output Cell Sheet: LMS Address: R84C4 Name: MEAS\_SDS\_PH\_4 Unitoutput Sdsparameter Name: Temp Output Cell Sheet: LMS Address: R84C5 Name: MEAS\_SDS\_TEMP\_4 Unitoutput Condition: SELECT INSTRUMENTCONFIG FROM VPDATA WHERE INSTRUMENTTYPE = 'PH METER' AND INSTRUMENTID = '#SET\_INST\_ID\_MEASDS' |
| LMS | R84C8 | PH\_METER\_ID\_4 | Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_SDS\_DATE\_4  Lookup Title: Look up Verification Due Date Description: Look up Verification Due Date Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VERIFY\_DUE\_DATE\_LAST\_4 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_METER\_ID\_4' Rows: 1 |
| LMS | R84C9 | PH\_VERIFY\_DUE\_DATE\_LAST\_4 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R85C3 | MEAS\_SDS\_SOLN\_5 | Inputfield Type: Text  Reasonforchange |
| LMS | R85C4 | MEAS\_SDS\_PH\_5 | Inputfield Type: Text  Reasonforchange  Sheet: LMS Address: R84C4 Name: MEAS\_SDS\_PH\_4 Sheet: LMS Address: R86C4 Name: MEAS\_SDS\_PH\_6  Title: Select a pH meter Description Previouscell Cell Sheet: LMS Address: R84C4 Name: MEAS\_SDS\_PH\_4 Nextcell Cell Sheet: LMS Address: R86C4 Name: MEAS\_SDS\_PH\_6 Infocell Autonavigation Sdsparameters Sdsparameter Name: Device ID Output Unitoutput Isreadonly Sdsparameter Name: Device Type Output Unitoutput Isreadonly Sdsparameter Name: Device Name Output Cell Sheet: LMS Address: R85C8 Name: PH\_METER\_ID\_5 Unitoutput Isreadonly Sdsparameter Name: Location Output Unitoutput Isreadonly Sdsparameter Name: pH Output Cell Sheet: LMS Address: R85C4 Name: MEAS\_SDS\_PH\_5 Unitoutput Sdsparameter Name: Temp Output Cell Sheet: LMS Address: R85C5 Name: MEAS\_SDS\_TEMP\_5 Unitoutput Condition: SELECT INSTRUMENTCONFIG FROM VPDATA WHERE INSTRUMENTTYPE = 'PH METER' AND INSTRUMENTID = '#SET\_INST\_ID\_MEASDS' |
| LMS | R85C8 | PH\_METER\_ID\_5 | Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_SDS\_DATE\_5  Lookup Title: Look up Verification Due Date Description: Look up Verification Due Date Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VERIFY\_DUE\_DATE\_LAST\_5 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_METER\_ID\_5' Rows: 1 |
| LMS | R85C9 | PH\_VERIFY\_DUE\_DATE\_LAST\_5 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R86C3 | MEAS\_SDS\_SOLN\_6 | Inputfield Type: Text  Reasonforchange |
| LMS | R86C4 | MEAS\_SDS\_PH\_6 | Inputfield Type: Text  Reasonforchange  Sheet: LMS Address: R85C4 Name: MEAS\_SDS\_PH\_5 Sheet: LMS Address: R87C4 Name: MEAS\_SDS\_PH\_7  Title: Select a pH meter Description Previouscell Cell Sheet: LMS Address: R85C4 Name: MEAS\_SDS\_PH\_5 Nextcell Cell Sheet: LMS Address: R87C4 Name: MEAS\_SDS\_PH\_7 Infocell Autonavigation Sdsparameters Sdsparameter Name: Device ID Output Unitoutput Isreadonly Sdsparameter Name: Device Type Output Unitoutput Isreadonly Sdsparameter Name: Device Name Output Cell Sheet: LMS Address: R86C8 Name: PH\_METER\_ID\_6 Unitoutput Isreadonly Sdsparameter Name: Location Output Unitoutput Isreadonly Sdsparameter Name: pH Output Cell Sheet: LMS Address: R86C4 Name: MEAS\_SDS\_PH\_6 Unitoutput Sdsparameter Name: Temp Output Cell Sheet: LMS Address: R86C5 Name: MEAS\_SDS\_TEMP\_6 Unitoutput Condition: SELECT INSTRUMENTCONFIG FROM VPDATA WHERE INSTRUMENTTYPE = 'PH METER' AND INSTRUMENTID = '#SET\_INST\_ID\_MEASDS' |
| LMS | R86C8 | PH\_METER\_ID\_6 | Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_SDS\_DATE\_6  Lookup Title: Look up Verification Due Date Description: Look up Verification Due Date Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VERIFY\_DUE\_DATE\_LAST\_6 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_METER\_ID\_6' Rows: 1 |
| LMS | R86C9 | PH\_VERIFY\_DUE\_DATE\_LAST\_6 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R87C3 | MEAS\_SDS\_SOLN\_7 | Inputfield Type: Text  Reasonforchange |
| LMS | R87C4 | MEAS\_SDS\_PH\_7 | Inputfield Type: Text  Reasonforchange  Sheet: LMS Address: R86C4 Name: MEAS\_SDS\_PH\_6 Sheet: LMS Address: R88C4 Name: MEAS\_SDS\_PH\_8  Title: Select a pH meter Description Previouscell Cell Sheet: LMS Address: R86C4 Name: MEAS\_SDS\_PH\_6 Nextcell Cell Sheet: LMS Address: R88C4 Name: MEAS\_SDS\_PH\_8 Infocell Autonavigation Sdsparameters Sdsparameter Name: Device ID Output Unitoutput Isreadonly Sdsparameter Name: Device Type Output Unitoutput Isreadonly Sdsparameter Name: Device Name Output Cell Sheet: LMS Address: R87C8 Name: PH\_METER\_ID\_7 Unitoutput Isreadonly Sdsparameter Name: Location Output Unitoutput Isreadonly Sdsparameter Name: pH Output Cell Sheet: LMS Address: R87C4 Name: MEAS\_SDS\_PH\_7 Unitoutput Sdsparameter Name: Temp Output Cell Sheet: LMS Address: R87C5 Name: MEAS\_SDS\_TEMP\_7 Unitoutput Condition: SELECT INSTRUMENTCONFIG FROM VPDATA WHERE INSTRUMENTTYPE = 'PH METER' AND INSTRUMENTID = '#SET\_INST\_ID\_MEASDS' |
| LMS | R87C8 | PH\_METER\_ID\_7 | Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_SDS\_DATE\_7  Lookup Title: Look up Verification Due Date Description: Look up Verification Due Date Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VERIFY\_DUE\_DATE\_LAST\_7 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_METER\_ID\_7' Rows: 1 |
| LMS | R87C9 | PH\_VERIFY\_DUE\_DATE\_LAST\_7 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R88C3 | MEAS\_SDS\_SOLN\_8 | Inputfield Type: Text  Reasonforchange |
| LMS | R88C4 | MEAS\_SDS\_PH\_8 | Reasonforchange  Inputfield Type: Text  Sheet: LMS Address: R87C4 Name: MEAS\_SDS\_PH\_7 Sheet: LMS Address: R89C4 Name: MEAS\_SDS\_PH\_9  Title: Select a pH meter Description Previouscell Cell Sheet: LMS Address: R87C4 Name: MEAS\_SDS\_PH\_7 Nextcell Cell Sheet: LMS Address: R89C4 Name: MEAS\_SDS\_PH\_9 Infocell Autonavigation Sdsparameters Sdsparameter Name: Device ID Output Unitoutput Isreadonly Sdsparameter Name: Device Type Output Unitoutput Isreadonly Sdsparameter Name: Device Name Output Cell Sheet: LMS Address: R88C8 Name: PH\_METER\_ID\_8 Unitoutput Isreadonly Sdsparameter Name: Location Output Unitoutput Isreadonly Sdsparameter Name: pH Output Cell Sheet: LMS Address: R88C4 Name: MEAS\_SDS\_PH\_8 Unitoutput Sdsparameter Name: Temp Output Cell Sheet: LMS Address: R88C5 Name: MEAS\_SDS\_TEMP\_8 Unitoutput Condition: SELECT INSTRUMENTCONFIG FROM VPDATA WHERE INSTRUMENTTYPE = 'PH METER' AND INSTRUMENTID = '#SET\_INST\_ID\_MEASDS' |
| LMS | R88C8 | PH\_METER\_ID\_8 | Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_SDS\_DATE\_8  Lookup Title: Look up Verification Due Date Description: Look up Verification Due Date Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VERIFY\_DUE\_DATE\_LAST\_8 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_METER\_ID\_8' Rows: 1 |
| LMS | R88C9 | PH\_VERIFY\_DUE\_DATE\_LAST\_8 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R89C3 | MEAS\_SDS\_SOLN\_9 | Inputfield Type: Text  Reasonforchange |
| LMS | R89C4 | MEAS\_SDS\_PH\_9 | Reasonforchange  Inputfield Type: Text  Sheet: LMS Address: R88C4 Name: MEAS\_SDS\_PH\_8 Sheet: LMS Address: R90C4 Name: MEAS\_SDS\_PH\_10  Title: Select a pH meter Description Previouscell Cell Sheet: LMS Address: R88C4 Name: MEAS\_SDS\_PH\_8 Nextcell Cell Sheet: LMS Address: R90C4 Name: MEAS\_SDS\_PH\_10 Infocell Autonavigation Sdsparameters Sdsparameter Name: Device ID Output Unitoutput Isreadonly Sdsparameter Name: Device Type Output Unitoutput Isreadonly Sdsparameter Name: Device Name Output Cell Sheet: LMS Address: R89C8 Name: PH\_METER\_ID\_9 Unitoutput Isreadonly Sdsparameter Name: Location Output Unitoutput Isreadonly Sdsparameter Name: pH Output Cell Sheet: LMS Address: R89C4 Name: MEAS\_SDS\_PH\_9 Unitoutput Sdsparameter Name: Temp Output Cell Sheet: LMS Address: R89C5 Name: MEAS\_SDS\_TEMP\_9 Unitoutput Condition: SELECT INSTRUMENTCONFIG FROM VPDATA WHERE INSTRUMENTTYPE = 'PH METER' AND INSTRUMENTID = '#SET\_INST\_ID\_MEASDS' |
| LMS | R89C8 | PH\_METER\_ID\_9 | Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_SDS\_DATE\_9  Lookup Title: Look up Verification Due Date Description: Look up Verification Due Date Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VERIFY\_DUE\_DATE\_LAST\_9 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_METER\_ID\_9' Rows: 1 |
| LMS | R89C9 | PH\_VERIFY\_DUE\_DATE\_LAST\_9 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R90C3 | MEAS\_SDS\_SOLN\_10 | Inputfield Type: Text  Reasonforchange |
| LMS | R90C4 | MEAS\_SDS\_PH\_10 | Reasonforchange  Inputfield Type: Text  Sheet: LMS Address: R89C4 Name: MEAS\_SDS\_PH\_9 Sheet: LMS Address: R91C4 Name: MEAS\_SDS\_PH\_11  Title: Select a pH meter Description Previouscell Cell Sheet: LMS Address: R89C4 Name: MEAS\_SDS\_PH\_9 Nextcell Cell Sheet: LMS Address: R91C4 Name: MEAS\_SDS\_PH\_11 Infocell Autonavigation Sdsparameters Sdsparameter Name: Device ID Output Unitoutput Isreadonly Sdsparameter Name: Device Type Output Unitoutput Isreadonly Sdsparameter Name: Device Name Output Cell Sheet: LMS Address: R90C8 Name: PH\_METER\_ID\_10 Unitoutput Isreadonly Sdsparameter Name: Location Output Unitoutput Isreadonly Sdsparameter Name: pH Output Cell Sheet: LMS Address: R90C4 Name: MEAS\_SDS\_PH\_10 Unitoutput Sdsparameter Name: Temp Output Cell Sheet: LMS Address: R90C5 Name: MEAS\_SDS\_TEMP\_10 Unitoutput Condition: SELECT INSTRUMENTCONFIG FROM VPDATA WHERE INSTRUMENTTYPE = 'PH METER' AND INSTRUMENTID = '#SET\_INST\_ID\_MEASDS' |
| LMS | R90C8 | PH\_METER\_ID\_10 | Lookup Title: Look up Verification Due Date Description: Look up Verification Due Date Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VERIFY\_DUE\_DATE\_LAST\_10 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_METER\_ID\_10' Rows: 1  Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_SDS\_DATE\_10 |
| LMS | R90C9 | PH\_VERIFY\_DUE\_DATE\_LAST\_10 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R91C3 | MEAS\_SDS\_SOLN\_11 | Inputfield Type: Text  Reasonforchange |
| LMS | R91C4 | MEAS\_SDS\_PH\_11 | Reasonforchange  Inputfield Type: Text  Sheet: LMS Address: R90C4 Name: MEAS\_SDS\_PH\_10 Sheet: LMS Address: R92C4 Name: MEAS\_SDS\_PH\_12  Title: Select a pH meter Description Previouscell Cell Sheet: LMS Address: R90C4 Name: MEAS\_SDS\_PH\_10 Nextcell Cell Sheet: LMS Address: R92C4 Name: MEAS\_SDS\_PH\_12 Infocell Autonavigation Sdsparameters Sdsparameter Name: Device ID Output Unitoutput Isreadonly Sdsparameter Name: Device Type Output Unitoutput Isreadonly Sdsparameter Name: Device Name Output Cell Sheet: LMS Address: R91C8 Name: PH\_METER\_ID\_11 Unitoutput Isreadonly Sdsparameter Name: Location Output Unitoutput Isreadonly Sdsparameter Name: pH Output Cell Sheet: LMS Address: R91C4 Name: MEAS\_SDS\_PH\_11 Unitoutput Sdsparameter Name: Temp Output Cell Sheet: LMS Address: R91C5 Name: MEAS\_SDS\_TEMP\_11 Unitoutput Condition: SELECT INSTRUMENTCONFIG FROM VPDATA WHERE INSTRUMENTTYPE = 'PH METER' AND INSTRUMENTID = '#SET\_INST\_ID\_MEASDS' |
| LMS | R91C8 | PH\_METER\_ID\_11 | Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_SDS\_DATE\_11  Lookup Title: Look up Verification Due Date Description: Look up Verification Due Date Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VERIFY\_DUE\_DATE\_LAST\_11 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_METER\_ID\_11' Rows: 1 |
| LMS | R91C9 | PH\_VERIFY\_DUE\_DATE\_LAST\_11 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R92C3 | MEAS\_SDS\_SOLN\_12 | Inputfield Type: Text  Reasonforchange |
| LMS | R92C4 | MEAS\_SDS\_PH\_12 | Reasonforchange  Inputfield Type: Text  Sheet: LMS Address: R91C4 Name: MEAS\_SDS\_PH\_11  Title: Select a pH meter Description Previouscell Cell Sheet: LMS Address: R91C4 Name: MEAS\_SDS\_PH\_11 Nextcell Infocell Sdsparameters Sdsparameter Name: Device ID Output Unitoutput Isreadonly Sdsparameter Name: Device Type Output Unitoutput Isreadonly Sdsparameter Name: Device Name Output Cell Sheet: LMS Address: R92C8 Name: PH\_METER\_ID\_12 Unitoutput Isreadonly Sdsparameter Name: Location Output Unitoutput Isreadonly Sdsparameter Name: pH Output Cell Sheet: LMS Address: R92C4 Name: MEAS\_SDS\_PH\_12 Unitoutput Sdsparameter Name: Temp Output Cell Sheet: LMS Address: R92C5 Name: MEAS\_SDS\_TEMP\_12 Unitoutput Condition: SELECT INSTRUMENTCONFIG FROM VPDATA WHERE INSTRUMENTTYPE = 'PH METER' AND INSTRUMENTID = '#SET\_INST\_ID\_MEASDS' |
| LMS | R92C8 | PH\_METER\_ID\_12 | Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_SDS\_DATE\_12  Lookup Title: Look up Verification Due Date Description: Look up Verification Due Date Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VERIFY\_DUE\_DATE\_LAST\_12 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_METER\_ID\_12' Rows: 1 |
| LMS | R92C9 | PH\_VERIFY\_DUE\_DATE\_LAST\_12 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R97C4 | MEAS\_ADJUST\_MAN\_STAGE | Executeonleave Title: Show/HIde Rows Description: Show/Hide rows based on type Code Name: waters.eln.ac.userinterface Type: Extern Parameters Parameter Value: SHOWROWSRANGE Description: Use the SHOWROWSRANGE function Parameter Value: #SHOW\_HIDE\_ROW\_PH\_MEAS\_ADJUST\_MANUAL  Inputfield Type: Text |
| LMS | R99C4 | MEAS\_ADJUST\_MAN\_SHELF\_STAGE | Executeonleave Title: Show/HIde Rows Description: Show/Hide rows based on type Code Name: waters.eln.ac.userinterface Type: Extern Parameters Parameter Value: SHOWROWSRANGE Description: Use the SHOWROWSRANGE function Parameter Value: #SHOW\_HIDE\_ROW\_PH\_MEAS\_ADJUST\_MANUAL Parameter Value: #SHOW\_HIDE\_ROW\_PH\_MEAS\_ADJUST\_MAN\_REAGENT Parameter Value: #SHOW\_HIDE\_ROW\_PH\_MEAS\_ADJUST\_SHELF\_MANUAL Parameter Value: #SHOW\_HIDE\_ROW\_PH\_MEAS\_ADJUST\_PREP\_MANUAL  Inputfield Type: Text |
| LMS | R104C3 | MEAS\_SHELF\_MAN\_INT\_LOT | Dbvalidation Source From: OracleDS Condition: SELECT CHEM.MANUFACTURER, CHEM.LOTNR, CHEM.EXP\_DATE, CHEM.GUID\_M, CHEM.MATERIAL\_ID INTO MEAS\_SHELF\_MAN\_VENDOR, MEAS\_SHELF\_MAN\_VENDOR\_LOT, MEAS\_SHELF\_MAN\_VENDOR\_EXP, Reagent!R316C3, MEAS\_SHELF\_MAN\_VENDOR\_NAME FROM VIEW\_CHEMICALS CHEM WHERE CHEM.BATCH\_NO\_INTERNAL = '#MEAS\_SHELF\_MAN\_INT\_LOT' Failure Message: Material not found in database Success  Reasonforchange  Inputfield Type: Text  Vplist Title: Search for Solution Description Source From: OracleDS Condition: SELECT CHEM.BATCH\_NO\_INTERNAL AS Internal Lot #, CHEM.MATERIAL\_NAME AS Name, CHEM.LOTNR AS Lot #, CHEM.EXP\_DATE AS Expiry Date, CHEM.PH AS pH, CHEM.ACTIVE AS Active, CHEM.MANUFACTURER AS Manufacturer INTO MEAS\_SHELF\_MAN\_INT\_LOT, , , , , , FROM VIEW\_CHEMICALS CHEM WHERE CHEM.LAB like '#SITE\_ID%' Rows: 1 |
| LMS | R104C4 | MEAS\_SHELF\_MAN\_VENDOR | Reasonforchange  Inputfield Type: Text |
| LMS | R104C5 | MEAS\_SHELF\_MAN\_VENDOR\_NAME | Reasonforchange  Inputfield Type: Text |
| LMS | R104C6 | MEAS\_SHELF\_MAN\_VENDOR\_LOT | Inputfield Type: Text  Reasonforchange |
| LMS | R104C7 | MEAS\_SHELF\_MAN\_VENDOR\_EXP | Reasonforchange  Inputfield Type: Text |
| LMS | R106C4 | MEAS\_PREP\_MAN\_SOLN | Reasonforchange  Inputfield Type: Text |
| LMS | R108C4 | MEAS\_SHELF\_MAN\_SOLN\_REF | Reasonforchange  Inputfield Type: Text  Vplist Title: Select a reference document (last 14 days) Description Source From: OracleDS Condition: SELECT DOC.LIMSORDERNO INTO MEAS\_SHELF\_MAN\_SOLN\_REF FROM MEASUREORDER DOC WHERE DOC.LIMSORDERNO like '#SITE\_ID%' AND TO\_DATE(SUBSTR(modifier, 1, 8), 'YYYY-MM-DD') >= (SYSDATE-14) AND DOC.ORDERSOURCE = 'D' Rows: 1 |
| LMS | R110C4 | B\_COUNT | Inputfield Type: Text  Executeonleave Title: Table Control Description: Show or hide rows in the table Code Name: waters.eln.ac.userinterface Type: Extern Parameters Parameter Value: TABLECONTROLA Description: Use the TABLECONTROLA function Parameter Value: B Description: Table prefix |
| LMS | R110C7 | SET\_INST\_ID\_MEAMAN | Vplist Title: Select a pH Meter Description Source From: OracleDS Condition: SELECT INST.INSTRUMENT\_ID AS Instrument ID, INST.VERIFICATION\_DUE\_TIMESTAMP AS Verif. Due Date, INST.CALIBRATON\_DUE\_TIMESTAMP AS Cal. Due Date INTO SET\_INST\_ID\_MEAMAN, , FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_CLASS = 'PH METER' AND INST.LAB like '#SITE\_ID%' AND NOT REGEXP\_LIKE(UPPER(INST.INSTRUMENT\_ID),'(.\*CALIBRATE|.\*CALIBRATION DATE)') ORDER BY INST.INSTRUMENT\_ID Rows: 1  Dbvalidation Source From: OracleDS Condition: SELECT I.INSTRUMENT\_ID FROM VIEW\_INSTRUMENTS I WHERE I.INSTRUMENT\_ID = '#SET\_INST\_ID\_MEAMAN' AND I.VERIFICATION\_DUE\_TIMESTAMP > TO\_TIMESTAMP('#TODAY\_NOW', 'MM/DD/YYYY HH:MI:SS AM') Failure Message: Instrument out of verification Success |
| LMS | R113C3:R124C3 | MEAS\_MAN\_SOLN | Reasonforchange  Inputfield Type: Text |
| LMS | R113C4 | MEAS\_MAN\_PH\_1 | Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_MAN\_DATE\_1  Reasonforchange  Inputfield Type: Text |
| LMS | R113C5:R124C5 | MEAS\_MAN\_TEMP | Reasonforchange  Inputfield Type: Text |
| LMS | R113C8 | PH\_ID\_MAN\_1 | Vplist Title: Select pH meter Description Source From: OracleDS Condition: SELECT INST.INSTRUMENT\_ID INTO PH\_ID\_MAN\_1 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_CLASS = 'PH METER' AND INST.INSTRUMENT\_ID = '#SET\_INST\_ID\_MEAMAN' Rows: 1  Lookup Title: Look up balance verification due date Description Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VER\_DUE\_MAN\_1 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_ID\_MAN\_1' Rows: 1 |
| LMS | R113C9 | PH\_VER\_DUE\_MAN\_1 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R114C4 | MEAS\_MAN\_PH\_2 | Inputfield Type: Text  Reasonforchange  Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_MAN\_DATE\_2 |
| LMS | R114C8 | PH\_ID\_MAN\_2 | Lookup Title: Look up balance verification due date Description Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VER\_DUE\_MAN\_2 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_ID\_MAN\_2' Rows: 1  Vplist Title: Select pH meter Description Source From: OracleDS Condition: SELECT INST.INSTRUMENT\_ID INTO PH\_ID\_MAN\_2 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_CLASS = 'PH METER' AND INST.INSTRUMENT\_ID = '#SET\_INST\_ID\_MEAMAN' Rows: 1 |
| LMS | R114C9 | PH\_VER\_DUE\_MAN\_2 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R115C4 | MEAS\_MAN\_PH\_3 | Inputfield Type: Text  Reasonforchange  Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_MAN\_DATE\_3 |
| LMS | R115C8 | PH\_ID\_MAN\_3 | Lookup Title: Look up balance verification due date Description Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VER\_DUE\_MAN\_3 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_ID\_MAN\_3' Rows: 1  Vplist Title: Select pH meter Description Source From: OracleDS Condition: SELECT INST.INSTRUMENT\_ID INTO PH\_ID\_MAN\_3 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_CLASS = 'PH METER' AND INST.INSTRUMENT\_ID = '#SET\_INST\_ID\_MEAMAN' Rows: 1 |
| LMS | R115C9 | PH\_VER\_DUE\_MAN\_3 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R116C4 | MEAS\_MAN\_PH\_4 | Inputfield Type: Text  Reasonforchange  Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_MAN\_DATE\_4 |
| LMS | R116C8 | PH\_ID\_MAN\_4 | Lookup Title: Look up balance verification due date Description Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VER\_DUE\_MAN\_4 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_ID\_MAN\_4' Rows: 1  Vplist Title: Select pH meter Description Source From: OracleDS Condition: SELECT INST.INSTRUMENT\_ID INTO PH\_ID\_MAN\_4 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_CLASS = 'PH METER' AND INST.INSTRUMENT\_ID = '#SET\_INST\_ID\_MEAMAN' Rows: 1 |
| LMS | R116C9 | PH\_VER\_DUE\_MAN\_4 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R117C4 | MEAS\_MAN\_PH\_5 | Inputfield Type: Text  Reasonforchange  Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_MAN\_DATE\_5 |
| LMS | R117C8 | PH\_ID\_MAN\_5 | Lookup Title: Look up balance verification due date Description Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VER\_DUE\_MAN\_5 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_ID\_MAN\_5' Rows: 1  Vplist Title: Select pH meter Description Source From: OracleDS Condition: SELECT INST.INSTRUMENT\_ID INTO PH\_ID\_MAN\_5 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_CLASS = 'PH METER' AND INST.INSTRUMENT\_ID = '#SET\_INST\_ID\_MEAMAN' Rows: 1 |
| LMS | R117C9 | PH\_VER\_DUE\_MAN\_5 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R118C4 | MEAS\_MAN\_PH\_6 | Inputfield Type: Text  Reasonforchange  Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_MAN\_DATE\_6 |
| LMS | R118C8 | PH\_ID\_MAN\_6 | Lookup Title: Look up balance verification due date Description Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VER\_DUE\_MAN\_6 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_ID\_MAN\_6' Rows: 1  Vplist Title: Select pH meter Description Source From: OracleDS Condition: SELECT INST.INSTRUMENT\_ID INTO PH\_ID\_MAN\_6 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_CLASS = 'PH METER' AND INST.INSTRUMENT\_ID = '#SET\_INST\_ID\_MEAMAN' Rows: 1 |
| LMS | R118C9 | PH\_VER\_DUE\_MAN\_6 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R119C4 | MEAS\_MAN\_PH\_7 | Inputfield Type: Text  Reasonforchange  Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_MAN\_DATE\_7 |
| LMS | R119C8 | PH\_ID\_MAN\_7 | Lookup Title: Look up balance verification due date Description Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VER\_DUE\_MAN\_7 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_ID\_MAN\_7' Rows: 1  Vplist Title: Select pH meter Description Source From: OracleDS Condition: SELECT INST.INSTRUMENT\_ID INTO PH\_ID\_MAN\_7 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_CLASS = 'PH METER' AND INST.INSTRUMENT\_ID = '#SET\_INST\_ID\_MEAMAN' Rows: 1 |
| LMS | R119C9 | PH\_VER\_DUE\_MAN\_7 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R120C4 | MEAS\_MAN\_PH\_8 | Inputfield Type: Text  Reasonforchange  Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_MAN\_DATE\_8 |
| LMS | R120C8 | PH\_ID\_MAN\_8 | Lookup Title: Look up balance verification due date Description Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VER\_DUE\_MAN\_8 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_ID\_MAN\_8' Rows: 1  Vplist Title: Select pH meter Description Source From: OracleDS Condition: SELECT INST.INSTRUMENT\_ID INTO PH\_ID\_MAN\_8 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_CLASS = 'PH METER' AND INST.INSTRUMENT\_ID = '#SET\_INST\_ID\_MEAMAN' Rows: 1 |
| LMS | R120C9 | PH\_VER\_DUE\_MAN\_8 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R121C4 | MEAS\_MAN\_PH\_9 | Inputfield Type: Text  Reasonforchange  Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_MAN\_DATE\_9 |
| LMS | R121C8 | PH\_ID\_MAN\_9 | Lookup Title: Look up balance verification due date Description Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VER\_DUE\_MAN\_9 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_ID\_MAN\_9' Rows: 1  Vplist Title: Select pH meter Description Source From: OracleDS Condition: SELECT INST.INSTRUMENT\_ID INTO PH\_ID\_MAN\_9 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_CLASS = 'PH METER' AND INST.INSTRUMENT\_ID = '#SET\_INST\_ID\_MEAMAN' Rows: 1 |
| LMS | R121C9 | PH\_VER\_DUE\_MAN\_9 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R122C4 | MEAS\_MAN\_PH\_10 | Inputfield Type: Text  Reasonforchange  Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_MAN\_DATE\_10 |
| LMS | R122C8 | PH\_ID\_MAN\_10 | Lookup Title: Look up balance verification due date Description Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VER\_DUE\_MAN\_10 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_ID\_MAN\_10' Rows: 1  Vplist Title: Select pH meter Description Source From: OracleDS Condition: SELECT INST.INSTRUMENT\_ID INTO PH\_ID\_MAN\_10 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_CLASS = 'PH METER' AND INST.INSTRUMENT\_ID = '#SET\_INST\_ID\_MEAMAN' Rows: 1 |
| LMS | R122C9 | PH\_VER\_DUE\_MAN\_10 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R123C4 | MEAS\_MAN\_PH\_11 | Inputfield Type: Text  Reasonforchange  Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_MAN\_DATE\_11 |
| LMS | R123C8 | PH\_ID\_MAN\_11 | Lookup Title: Look up balance verification due date Description Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VER\_DUE\_MAN\_11 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_ID\_MAN\_11' Rows: 1  Vplist Title: Select pH meter Description Source From: OracleDS Condition: SELECT INST.INSTRUMENT\_ID INTO PH\_ID\_MAN\_11 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_CLASS = 'PH METER' AND INST.INSTRUMENT\_ID = '#SET\_INST\_ID\_MEAMAN' Rows: 1 |
| LMS | R123C9 | PH\_VER\_DUE\_MAN\_11 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R124C4 | MEAS\_MAN\_PH\_12 | Inputfield Type: Text  Reasonforchange  Executeonleave Title: Set Cal Date/Time Description Code Name: SetCurrentDate Type: Intern Parameters Parameter Value: MEAS\_MAN\_DATE\_12 |
| LMS | R124C8 | PH\_ID\_MAN\_12 | Lookup Title: Look up balance verification due date Description Source From: OracleDS Condition: SELECT TO\_CHAR(INST.VERIFICATION\_DUE\_TIMESTAMP,'MM/DD/YYYY HH:MI:SS AM') INTO PH\_VER\_DUE\_MAN\_12 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_ID = '#PH\_ID\_MAN\_12' Rows: 1  Vplist Title: Select pH meter Description Source From: OracleDS Condition: SELECT INST.INSTRUMENT\_ID INTO PH\_ID\_MAN\_12 FROM VIEW\_INSTRUMENTS INST WHERE INST.INSTRUMENT\_CLASS = 'PH METER' AND INST.INSTRUMENT\_ID = '#SET\_INST\_ID\_MEAMAN' Rows: 1 |
| LMS | R124C9 | PH\_VER\_DUE\_MAN\_12 | Validation Colored Operator: GreaterEqual Condition1: #TODAY\_NOW Failure Message: Instrument out of verification Color: -2300175 Success Color: -2300175 |
| LMS | R128C3 | COMMENTS | Reasonforchange  Inputfield Type: Text  Executeonleave Title: Autofit Description Code Name: waters.eln.ac.userinterface Type: Extern Parameters Parameter Value: AUTOFIT Parameter Value: COMMENTS |
| Reagent | R3C4 | FORM\_CHEMICALS | Vpfield Type: String Action: Overwrite Condition: SELECT VPFIELD.EXPERIMENT.ENTRY.METADATA.VALUE FROM VPDATA WHERE VPFIELD.EXPERIMENT.ENTRY.METADATA = Form Chemicals AND VPFIELD.EXPERIMENT.ID = #ADDIN.CURRENTEXPERIMENTID AND VPFIELD.EXPERIMENT.ENTRY.ID = #ADDIN.CURRENTENTRYID |
| Reagent | R4C4 | FORM\_CHEMICALS\_STATUS\_R | Vpfield Type: String Action: Read Condition: SELECT VPFIELD.EXPERIMENT.ENTRY.METADATA.VALUE FROM VPDATA WHERE VPFIELD.EXPERIMENT.ENTRY.METADATA = Form Chemicals Status AND VPFIELD.EXPERIMENT.ID = #ADDIN.CURRENTEXPERIMENTID AND VPFIELD.EXPERIMENT.ENTRY.ID = #ADDIN.CURRENTENTRYID |
| Reagent | R5C4 | FORM\_CHEMICALS\_STATUS\_W | Vpfield Type: String Action: Overwrite Condition: SELECT VPFIELD.EXPERIMENT.ENTRY.METADATA.VALUE FROM VPDATA WHERE VPFIELD.EXPERIMENT.ENTRY.METADATA = Form Chemicals Status AND VPFIELD.EXPERIMENT.ID = #ADDIN.CURRENTEXPERIMENTID AND VPFIELD.EXPERIMENT.ENTRY.ID = #ADDIN.CURRENTENTRYID |
| Reagent | R6C4 | FORM\_CHEMICALS\_ERROR\_R | Vpfield Type: String Action: Read Condition: SELECT VPFIELD.EXPERIMENT.ENTRY.METADATA.VALUE FROM VPDATA WHERE VPFIELD.EXPERIMENT.ENTRY.METADATA = Form Chemicals Error AND VPFIELD.EXPERIMENT.ID = #ADDIN.CURRENTEXPERIMENTID AND VPFIELD.EXPERIMENT.ENTRY.ID = #ADDIN.CURRENTENTRYID |
| Reagent | R7C4 | FORM\_CHEMICALS\_ERROR\_W | Vpfield Type: String Action: Overwrite Condition: SELECT VPFIELD.EXPERIMENT.ENTRY.METADATA.VALUE FROM VPDATA WHERE VPFIELD.EXPERIMENT.ENTRY.METADATA = Form Chemicals Error AND VPFIELD.EXPERIMENT.ID = #ADDIN.CURRENTEXPERIMENTID AND VPFIELD.EXPERIMENT.ENTRY.ID = #ADDIN.CURRENTENTRYID |
| Reagent | R303C3:R327C3 | INV\_LOG\_SUBSTGUID | Vpfield Type: String Action: Overwrite Condition: SELECT VPFIELD.EXPERIMENT.ENTRY.RESULT.VALUE FROM VPDATA WHERE VPFIELD.EXPERIMENT.ENTRY.RESULT = INV\_LOG\_SUBSTGUID AND VPFIELD.EXPERIMENT.ID = #ADDIN.CURRENTEXPERIMENTID AND VPFIELD.EXPERIMENT.ENTRY.ID = #ADDIN.CURRENTENTRYID |
| Reagent | R303C4:R327C4 | INV\_LOG\_WITHDRAW | Vpfield Type: String Action: Overwrite Condition: SELECT VPFIELD.EXPERIMENT.ENTRY.RESULT.VALUE FROM VPDATA WHERE VPFIELD.EXPERIMENT.ENTRY.RESULT = INV\_LOG\_WITHDRAW AND VPFIELD.EXPERIMENT.ID = #ADDIN.CURRENTEXPERIMENTID AND VPFIELD.EXPERIMENT.ENTRY.ID = #ADDIN.CURRENTENTRYID |
| Reagent | R303C5:R327C5 | INV\_LOG\_QTY | Vpfield Type: String Action: Overwrite Condition: SELECT VPFIELD.EXPERIMENT.ENTRY.RESULT.VALUE FROM VPDATA WHERE VPFIELD.EXPERIMENT.ENTRY.RESULT = INV\_LOG\_QTY AND VPFIELD.EXPERIMENT.ID = #ADDIN.CURRENTEXPERIMENTID AND VPFIELD.EXPERIMENT.ENTRY.ID = #ADDIN.CURRENTENTRYID |