We have two SELECT statements that provide the source data for the INSERT into TempLabourList:

**SELECT Data Mapping:**

| **Source Column** | **Meaning/Description** |
| --- | --- |
| EMPLOYEE\_LABOUR.LABOUR\_DEFN | LABOUR TYPE |
| EMPLOYEE\_LABOUR.COSTCENTRE | COST CENTRE (CC) |
| EMPLOYEE\_LABOUR.TASK | TASK |
| REPLACE(EMPLOYEE\_LABOUR.USAGE,',','.') | USAGE |
| EMPLOYEE\_LABOUR.HRS\_REQD | TIME |
| EMPLOYEE\_SALARIES.RATE\_PER\_HOUR | RATE PER HOUR |
| HHMM\_TO\_DECIMAL(EMPLOYEE\_LABOUR.ADJ\_HRS) | WRENCH TIME |
| CES\_SETTINGS.VALUE | VALUE |

**TempLabourList Schema:**

| **Column Name** | **Description** |
| --- | --- |
| LabourType | Labour Type |
| Cc | Cost Centre |
| Task | Task |
| Usage | Usage |
| Time | Time |
| RatePerHour | Rate Per Hour |
| TotalCost | Total Cost |
| ExtendedTime | Extended Time |
| EstimateType | Estimate Type ('RB') |
| EstimateNumber | Estimate Number (UPPER) |
| WrenchTime | Wrench Time |

**Step 2: Map the B1 to B9 Values**

From the INSERT statement, we can infer the following mappings:

| **Parameter** | **Mapped to** | **Explanation** |
| --- | --- | --- |
| :B1 | Rate Per Hour | Used in the calculation of cost and time |
| :B2 | Usage | Usage data used in calculation |
| :B3 | Value | CES\_SETTINGS.VALUE, used in cost calculations |
| :B4 | Task | Task is passed as UPPER(:B4) |
| :B5 | Time | Time is converted using HHMM\_TO\_MINUTES |
| :B6 | Rate Per Hour | Used in cost calculation |
| :B7 | Cost Centre | CC from EMPLOYEE\_LABOUR |
| :B8 | Labour Type | Labour type from EMPLOYEE\_LABOUR |
| :B9 | Estimate Number | Estimate number used in grouping |

**Step 3: Correct the INSERT Statement**

Here’s the modified INSERT statement with the correct mappings:

sql

CopyEdit

INSERT INTO TEMP\_LABOUR\_LIST

VALUES (

:B8, -- Labour Type

:B7, -- Cost Centre

:B4, -- Task

:B2, -- Usage

HHMM\_TO\_MINUTES(:B5), -- Time

:B1, -- Rate Per Hour

:B1 \* HHMM\_TO\_MINUTES(:B5) \* :B2 / 6000, -- Total Cost

ROUND((:B2 / 100) \* HHMM\_TO\_MINUTES(:B5)), -- Extended Time

'RB', -- Estimate Type

UPPER(:B3), -- Estimate Number

ROUND((:B2 / 100) \* HHMM\_TO\_MINUTES(:B1)) -- Wrench Time

);

**✅ Final B1 to B9 Mappings:**

| **Parameter** | **Column** | **Source Value** |
| --- | --- | --- |
| :B1 | RatePerHour | EMPLOYEE\_SALARIES.RATE\_PER\_HOUR |
| :B2 | Usage | REPLACE(EMPLOYEE\_LABOUR.USAGE,',','.') |
| :B3 | Value | CES\_SETTINGS.VALUE |
| :B4 | Task | EMPLOYEE\_LABOUR.TASK |
| :B5 | Time | EMPLOYEE\_LABOUR.HRS\_REQD |
| :B6 | RatePerHour | EMPLOYEE\_SALARIES.RATE\_PER\_HOUR |
| :B7 | Cost Centre | EMPLOYEE\_LABOUR.COSTCENTRE |
| :B8 | Labour Type | EMPLOYEE\_LABOUR.LABOUR\_DEFN |
| :B9 | Estimate Number | ROWID |