# Functional Specification

**1.0 - ABAP - Functional Specification**

| Version: 1.0 | | Issue Date (dd/mm/yyyy): | 13/01/2020 |
|---|---|---|---|
| **Specification No.** | | | |
| **Development No** TS- - - (TS-XXX-YYY-999) | | ☐ In Preparation ☐ Review | |
| (To be filled by Technical Department) | | ☒ Approved ☒ Released | |

## Revision History

| Version | Date | Description of changes |
|---|---|---|
| R.0 | 13/01/2020 | PO validation through BDC |

## Responsible

| For concept Ganesh Upadhye | For Implementation Rahul gaikwad |
|---|---|

## Section I:  Justification

| Area : HANA S/4 | MM & ABAP | Materials Management | Date: | 13/01/2020 |
|---|---|---|---|---|
| Requested by: | MM_ SOLAR_BDC_PO VAlidation | | | |
| Brief description: | To create a system control to block the closing of PO against which any advance is o/s on priority though BDC | | | |

| Generic question:

1. Impact of not creating the program | ☐ Legal requirements will not be fulfilled

 Lack of information required for the business

☐ Lose functionality compared to the old system

☐ Others: Advertisement Scheduling cannot be done |
|---|---|
| Is there any alternative in the standard system: | ☐ Yes   ☒ No |
| Describe the alternative found: | |
| Reason why this alternative was not acceptable:

(Explain in brief) | ☐ Performance problems ☐ Complexity

☐ Others: |

| Program type: | ☐ Conversion ☐ Batch Interface | ☐ Online Interface | ☐ Report |
| :--- | :--- | :--- | :--- |
| | ☐ Form ☒ Enhancement | ☐ Extension | ☐ Dialog |
| | ☐ Modification ☐ Unknown | ☐ Others | ☐ BAPI |
| | ☐ ALE/ IDOC ☐ Application Development (**Approval from PMT**) | | |
| Charateristics | ☐ Drill Down ☐ ALV ☒ Others (pl specify) Enhancement | | |
| Priority: | ☐ High/mandatory ☒ Medium/recommended ☐ Low/optional | | |

| Only for Interfaces: | |
| :--- | :--- |
| Type of interface: | ☒ Real-Time ☐ Batch |
| Direction of interface: | ☐ Inbound ☐ Outbound ☐ Both |
| Frequency: | ☒ Daily ☒ Weekly ☒ Monthly |
| | ☐ Biweekly ☐ Other: |

| Only for Reports: | |
| :--- | :--- |
| 1. The report will be created via: | ☐ Report Painter ☐ Report Writer ☐ ABAP Query |
| | ☒ ABAP Program ☐ Info System |
| 2. Requested characteristics: | ☐ Drill-down ☐ Pushbuttons ☐ Sort |
| | ☐ Entry files ☐ Others: |

## Sign off – Functional Specification

| Prepared By | Ganesh V Upadhye | Comments | Done |
| :--- | :--- | :--- | :--- |
| Date | 13/01/2020 | | |
| Team Lead | Ganesh Upadhye | Lead Consultant | Aditya Varma |
| Date | 13/01/2020 | Date | 13/01/2020 |
| Approved Integration Manager Approved by Project Management Team (in case of Application development) | | | /  / /  / |
| Received Lead Consultant Date | | /  / | |

| **Section II: (a) Business Requirement** |
|---|
| 1. To create a system control to block the closing of PO against which any advance is o/s on priority. |

| **(b) Detailed Functional Description** |
|---|
| **Concept – Operational Requirements (**describe in detail**)** |

| | |
|---|---|
| **Flow** | Pass Purchase order document no (EBELN), Item No (EBELP), Spl.G/L (UMSKS= "A") to table (BSIK). |
| **Note** | If there is entry in BSIK table against the above input the corresponding PO Doc. EBELN should not get closed. |
| **Error message** | "Advance payment Pending" |

| **Process Logic** |
|---|
| |
| |

### SAP Input Screen (Data Mapping)

| Transaction: | Zpreg_1 | | |
|---|---|---|---|
| *Screen number* | *SAP S/4 HANA Screen field name* | *Legacy field* | *Remarks* |
| 1 | Enhancement | **ZORDER_CLOSE** | |

### Design of desired selection screen (select-options):

| |
|---|
| N.A |

### Desired output of report :

| |
|---|
| N.A |

## For Online Transacton :

| **N.A** |
|---|
| Tables involved: |

## Consistency checks that must be done:

| *Item* | *Screen Field* | *Description* |
|---|---|---|
| 1. | | |
| 2. | | |

| **Forms** | |
|---|---|
| Tables involved: | QALS |

## Design of desired form – Layout set:

N.A

## Standard Form Model:

➡️

If this form is a copy of a standard form or if there is a model in the legacy system, please include the copy here. Include also the name of the standard form and path/transaction where it is in the SAP System.

## Desired output:

N.A

## Enhancement :

## Custom Ztable :

| FIELD | Data Element | Data type | Length | Decimal | Short Description |
|---|---|---|---|---|---|

# Test Case and Test Related Result specification

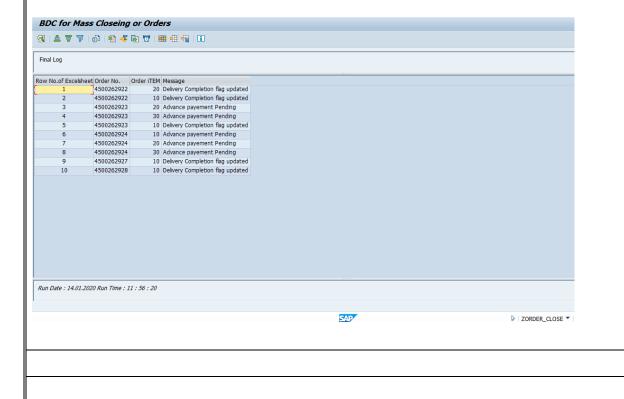Format No/ Rev: TC-**ABAP-001/ 00**

| **Number:** TC-SOLAR-MM-001 | **Prepared on 13/01/2020** |
|---|---|

## Test Cases (with expected results)

Description of test:

Separate test case file for this test case maintain by PO Validation

| PO NO. | Result |
|---|---|
| 4500262922 | Advance payement Pending |
| 4500262923 | Advance payement Pending |
| 4500262924 | Advance payement Pending |
| 4500262927 | Advance payement Pending |
| 4500262928 | Advance payement Pending |

**BDC for Mass Closeing or Orders**

Final Log

| Row No.of Excelsheet | Order No. | Order iTEM | Message |
|---|---|---|---|
| 1 | 4500262922 | 20 | Delivery Completion flag updated |
| 2 | 4500262922 | 10 | Delivery Completion flag updated |
| 3 | 4500262923 | 20 | Advance payement Pending |
| 4 | 4500262923 | 30 | Advance payement Pending |
| 5 | 4500262923 | 10 | Delivery Completion flag updated |
| 6 | 4500262924 | 10 | Advance payement Pending |
| 7 | 4500262924 | 20 | Advance payement Pending |
| 8 | 4500262924 | 30 | Advance payement Pending |
| 9 | 4500262927 | 10 | Delivery Completion flag updated |
| 10 | 4500262928 | 10 | Delivery Completion flag updated |

Run Date : 14.01.2020 Run Time : 11 : 56 : 20

SAP                     ▷ | ZORDER_CLOSE ▼

**SYDLER TECHNOLOGIES** FUTURE. READY.

## Section I:  Unit Testing

| Program name: | PO Validation on BDC | | Test date: | 13/01/2020 |
|---|---|---|---|---|
| Developer name: | Rahul Gaikwad | | | |
| Team Members (Functional) | Ganesh Upadhye | | | |

Responsible functional team member for testing:

1.   File(s) used for test (optional):

2.   Does the program comply with the functional specification ?

☒ Yes      ☐ No

*Note: If the program is OK just sign the form. If necessary include some comments in the appropriate section.*

3.   If the answer to question 2 is "No" please describe the problems that were found in the program.

Special Zt-code created to close all PR in mass

## Sign off after testing

| Team Lead | Ganesh Upadhye | Lead Consultant | Aditya Varma |
|---|---|---|---|
| Date | 13/01/2020 | Date | 13/01/2020 |

## Sign-Off and Acceptance of developed object

Names and Signatures

Ganesh Upadhye

_____

Team Lead

Aditya Varma

_____

Lead Consultant