CSCTS – GRN & SRN Interface : Inbound to eBS, Outbound from CSCTS – Road and Rail receipt at plant.

Refer: Mail dated 29th August 2020 &

Background: Coal is received by Truck & Rail at CPP’s and Refineries from Mines (Own + Third Party). The last mile receipt is carried out in CSCTS Software. Using this data GRN and SRN shall be created in eBS

As discussed and agreed with Mr Murthy and CSCTS Team the following data shall be provided by CSCTS to eBS . Integration shall be using rest api / Web services /SOA.

The below table showcases the fields shared by Mr Murthy from his GRN interface against which we have mapped the data to be shared from CSCTS.

Field Highlighted in Green will be shared from CSCTS. Fields in yellow have to populate from eBs. Fields in Blue are not applicable. Fields in Pink are to be populated by eBS after processing of GRN and SRN. Field highlighted in Red are not available in CSCTS

|  |  |  |  |
| --- | --- | --- | --- |
| S.No | Field in eBS | CSCTS Data | Remarks |
| 1 | Org\_ID | Organisation ID | CSCTS plant code needs to be mapped to Organisation Id in eBS and based on the same Org\_ID shall be posted to eBS |
| 2 | RFID\_SLIP\_REF\_NO | CSCTS\_trip\_id | Trip Id in CSCTS shall be populated |
| 3 | PENDING\_WT\_QTY |  | Not Applicable |
| 4 | LR No | LR No | LR NO & LR Date shall be posted to ebS from CSCTS from data captured in Mine Doc entry Page. |
| 5 | LR Date | LR Date & Time |
| 6 | PACKING\_MATERIAL\_WEIGHT |  | Not Applicable |
| 7 | VEHICLE\_NO | Truck\_No | Truck No from CSCTS |
| 8 | RECEIVED\_BY |  | Not Applicable |
| 9 | IN\_DATE | Plant in Date | Plant In Date/Time captured in HHD at plant entry or MineDoc whichever is earlier. |
| 10 | IN\_TIME | Plant in Time |
| 11 | GROSS\_WEIGHT | Gross Weight | Gross weight at plant Receipt |
| 12 | TARE\_WEIGHT | Tare Weight | Tare weight at plant Receipt |
| 13 | Net Weight | Net Weight | Net Weight at Plant Receipt – Computed |
| 14 | OUT\_DATE | Plant out Date | Plant Exit Date/Time captured in HHD at Plant Exit |
| 15 | OUT\_TIME | Plant out Time |
| 16 | DRIVER\_NAME | Driver Name | Driver Name Available in CSCTS for that Trip Id |
| 17 | GSTIN\_NO |  | Not Applicable |
| 18 | REMARKS |  | Not Applicable |
| 19 | PROCESS\_FLAG |  | This shall be updated by eBS after the data is processed from interface table into eBs for GRN /SRN |
| 20 | RR\_NO |  | For Truck Coming directly from Mines this will not be available. This may  have to be derived in eBS using  Rake to Truck Loading Form at Siding. In case of Truck Coming from Siding outside plant like at Hirakud this shall be available. |
| 21 | ITEM\_CODE |  | This item code is not available in CSCTS – This shall have to be derived in eBS using PO, PO Line No /DO Combination |
| 22 | ITEM\_DESCRIPTION |  | This item Description is not available in CSCTS – This shall have to be derived in eBS using PO,  PO Revision No , PO Line No /DO Combination |
| 23 | PO\_No | PO No | PO Details shall be shared with eBS as received from eBS against the said PO & Line No. |
| 24 | PO\_REVESION | PO Revision No |
| 25 | PO\_DATE | PO Date |
| 26 | PO\_LINE\_NO | PO Line No |
| 27 | PO\_UOM |  | PO\_UOM is not available in CSCTS – This shall have to be derived in eBS using PO,  PO Revision No , PO Line No /DO Combination . PO Qty and PO Date shall be posted as received from eBS. |
| 28 | PO\_QTY | PO Quantity |  |
| 29 | DO\_No | Do No | These shall be as received from eBS against the said PO & Line No. |
| 30 | DO\_Date | Do Date |
| 31 | DO Qty | DO Qty |
| 32 | SUPPLIER |  | Supplier– This shall have to be derived in eBS using PO,  PO Revision No , PO Line No /DO Combination |
| 33 | TRANSPORTER |  | Transporter– This shall have to be derived in eBS using PO,  PO Revision No , PO Line No /DO  / SO(Service Order / Transporter PO) Combination. |
| 34 | RECEIPT\_NO |  | GRN no & GRN Date shall be posted in this interface table after GRN is generated in eBS  by Mr Murthy’s team |
| 35 | RECEIPT\_DATE |  |
| 36 | TRANSPORT\_ORDER\_NO | Transport Order No | These are Transport Service Order No & Date which CSCTS shall get from eBS using the PO-DO-SO interface and shall post in this interface |
| 37 | TRANSPORT\_ORDER\_DT | Transport Order Date |
| 38 | TRANSPORT\_RECEIPT\_NO |  | SRN no & SRN Date shall be posted in this interface table after SRN is generated in eBS by Mr Murthy’s team |
| 39 | TRANSPORT\_RECEIPT\_Date |  |
| 40 | Supplier\_Invoice\_no | Invoice No | Either Invoice No & Invoice Date or Challan No & Challan Date shall be posted from CSCTS Mine Doc captured data to relevant fields of eBS interface. Both Invoice no and challan no shall not be there as only one of them in currently captured. |
| 41 | Supplier\_Invoice\_dt | Invoice Dt |
| 42 | Supplier\_Invoice\_UOM | Not Available |
| 43 | Supplier\_Challan\_no | Challan No |
| 44 | Supplier\_Challan\_Dt | Challan Date |
| 45 | Supplier\_Challan\_UOM | Not Available |
| 46 | Supplier\_Gross\_Wt | Supplier Gross Weight | These are are basically Source Weights which are captured in CSCTS during Gate Entry from the supplier invoice |
| 47 | Supplier\_Tare\_WT | Supplier Tare Weight |
| 48 | Supplier\_Net\_WT | Supplier Net Weight |
| 49 | Created\_by | Created By | This will be the User ID which has posted the data in eBs Interface table |
| 50 | Creation\_Date | Creation Date | This will be the date /time stamp of the posting of the records in eBS. |
| 51 | Last\_Updated\_By |  | These shall be updated by eBs |
| 52 | Last\_Update\_Date |  |
| 53 | Last\_Update\_Login |  |

* -

Similarly for Railway Rakes coming within Hindalco Plants like at Mahan and Aditya the following details related to rail can be provided.

The below table showcases the fields shared by Mr Murthy from his GRN interface for Rail Receipt against which we have mapped the data to be shared from CSCTS.

Field Highlighted in Green will be shared from CSCTS. Fields in yellow have to populate from eBs. Fields in Blue are not applicable. Fields in Pink are to be populated by eBS after processing of GRN and SRN. Field highlighted in Red are not available in CSCTS

|  |  |  |  |
| --- | --- | --- | --- |
| S.No | Field in eBS | CSCTS Data | Remarks |
| 1 | RR\_NO | RR NO | RR No for the particular rake |
| 2 | RR\_DATE |  | Not Available Currently in CSCTS |
| 3 | RR\_QTY | RR QTY | RR Qty entered by Plant Team |
| 4 | WAGON\_NO | No of Wagon | No of Wagons in the Rake e.g. 58 Wagons |
| 5 | WAGON\_TYPE |  | Currently Not Available in CSCTS What will happen if Rake has wagons of different type? |
| 6 | IN\_MOTION\_RECEIPT\_DATE |  | Rake Receipt Date can be updated here. This is updated by plant team. This is not exact inmotion receipt date/time |
| 7 | IN\_MOTION\_RECEIPT\_TIME |  | Rake Receipt Time can be updated here. This is updated by plant team. This is not exact inmotion receipt date/time |
| 8 | IN\_MOTION\_GROSS\_WEIGHT |  | Gross weight at In Motion WB |
| 9 | IN\_MOTION\_TARE\_WEIGHT |  | Tare weight at In Motion WB |
| 10 | IN\_MOTION\_NET\_WEIGHT |  | Net weight at In Motion WB |
| 11 | IN\_MOTION\_FINAL\_WEIGHT |  | What is the difference between Net Weight and Final Weight |
| 12 | TIPPLER\_RECEIPT\_DATE |  | Rake Receipt Date can be updated here. This is updated by plant team. This is not exact tippler receipt date/time |
| 13 | TIPPLER\_RECEIPT\_TIME |  | Rake Receipt Time can be updated here. This is updated by plant team. This is not exact tippler receipt date/time |
| 14 | TIPPLER\_GROSS\_WEIGHT |  | Gross weight at Tippler WB |
| 15 | TIPPLER\_TARE\_WEIGHT |  | Tare weight at Tippler WB |
| 16 | TIPPLER\_NET\_WEIGHT |  | Net weight at Tippler WB |
| 17 | TIPPLER\_FINAL\_WEIGHT |  | What is the difference between Net Weight and Final Weight |
| 18 | CONSIDERED\_QTY\_FLAG |  | Not Available – What is this? |
| 19 | SUPPLIER |  | Supplier– This shall have to be derived in eBS using PO,  PO Revision No , PO Line No /DO Combination |
| 20 | ORDER\_TYPE |  | What is required here |
| 21 | PO\_IR\_NO |  | PO Details shall be shared with eBS as received from eBS against the said PO & Line No. |
| 22 | PO\_IR\_REV\_NO |  |
| 23 | PO\_IR\_DATE |  |
| 24 | PO\_IR\_LINE\_NUM |  |
| 25 | PO\_IR\_QTY |  |
| 26 | ITEM\_CODE |  | This item code is not available in CSCTS – This shall have to be derived in eBS using PO, PO Line No /DO Combination |
| 27 | ITEM\_DESC |  | This item Description is not available in CSCTS – This shall have to be derived in eBS using PO,  PO Revision No , PO Line No /DO Combination |
| 28 | FROM\_SOURCE |  | Not Available – What is this for ? |
| 29 | TO\_DESTINATION |  | Not Available – What is this for? |
| 30 | DELIVER\_AT\_LOCATION |  | Not Available – What is this for? |
| 31 | RECEIPT\_NO |  | GRN no & GRN Date shall be posted in this interface table after GRN is generated in eBS  by Mr Murthy’s team |
| 32 | RECEIPT\_DATE |  |
| 33 | PROCESS\_FLAG |  | This shall be updated by eBS after the data is processed from interface table into eBs for GRN /SRN |
| 34 | ORG\_ID | Organisation ID | CSCTS plant code needs to be mapped to Organisation Id in eBS and based on the same Org\_ID shall be posted to eBS |
| 35 | Created\_by | Created By | This will be the User ID which has posted the data in eBs Interface table |
| 36 | Creation\_Date | Creation Date | This will be the date /time stamp of the posting of the records in eBS. |
| 37 | Last\_Updated\_By |  | These shall be updated by eBs |
| 38 | Last\_Update\_Date |  |
| 39 | Last\_Update\_Login |  |