CENTRAL WAREHOUSING CORPORATION
केंद्रीय भंडारण निगम
A GOVERNMENT OF INDIA UNDERTAKING

WAREHOUSE MANAGEMENT SOLUTION

USER MANUAL

WDRA Phase I

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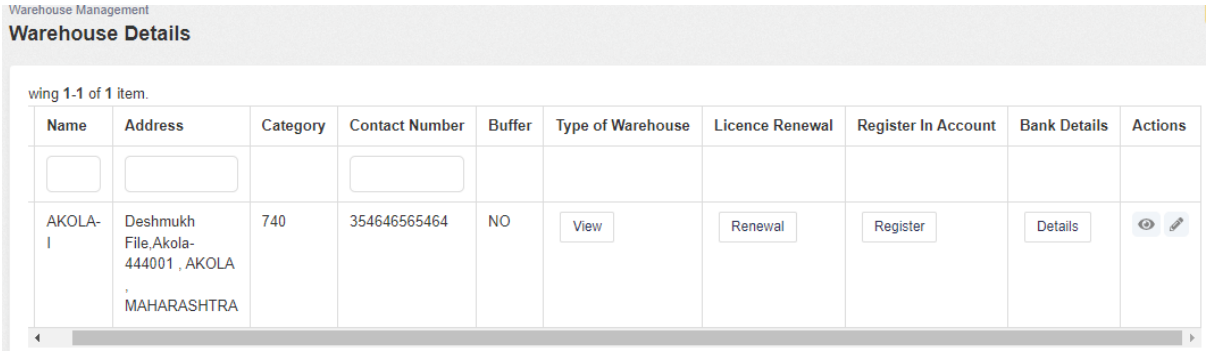
WDRA Phase I

1. Configuration

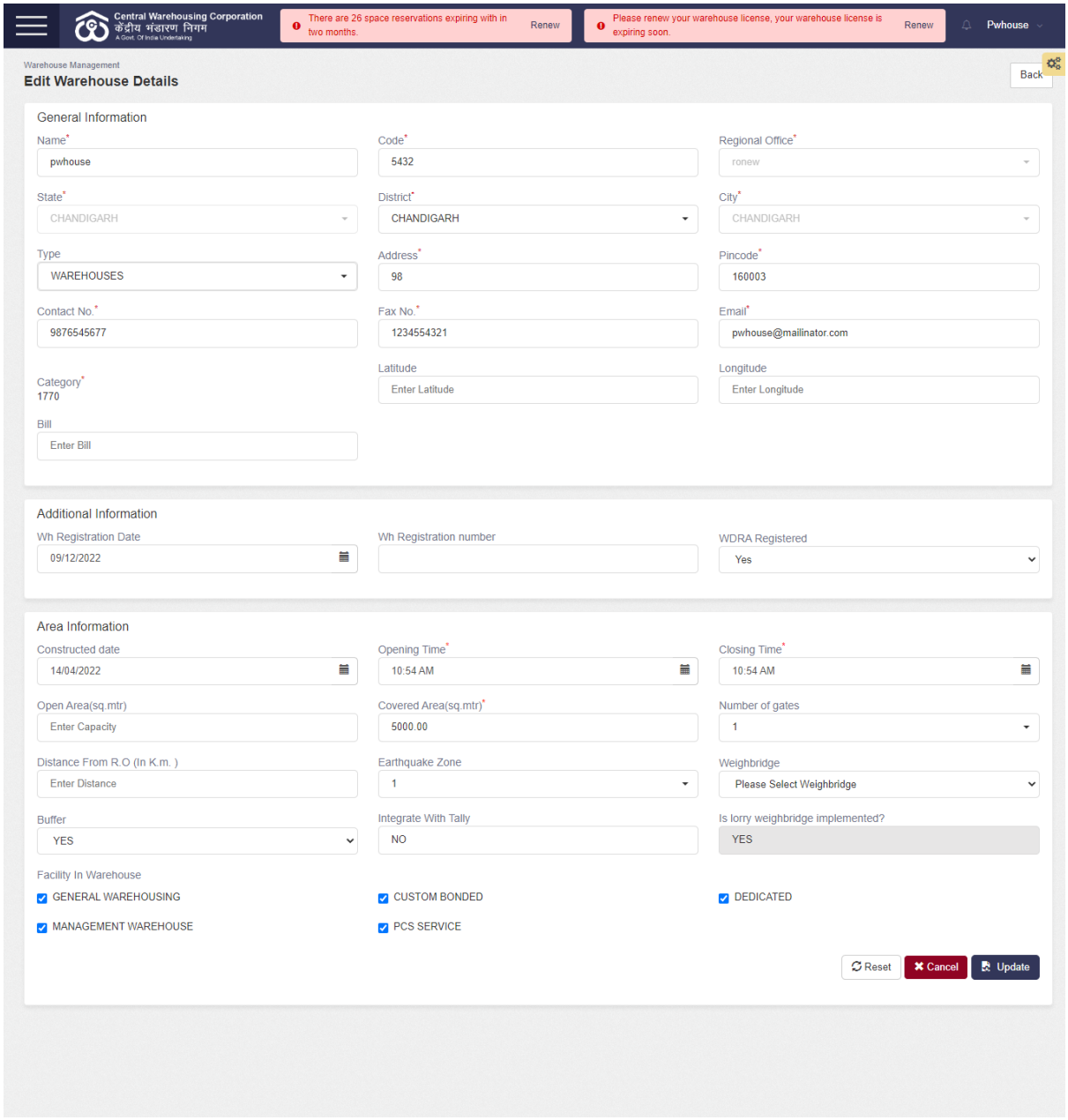
Before proceeding with WDRA API Integration, the Admin will configure the warehouses, and quality parameters, associate the commodities with the quality parameters, etc.

USER- Admin (Technical Administrator)

- The user can click on the “warehouse management” menu to configure the warehouse as WDRA registered or not.



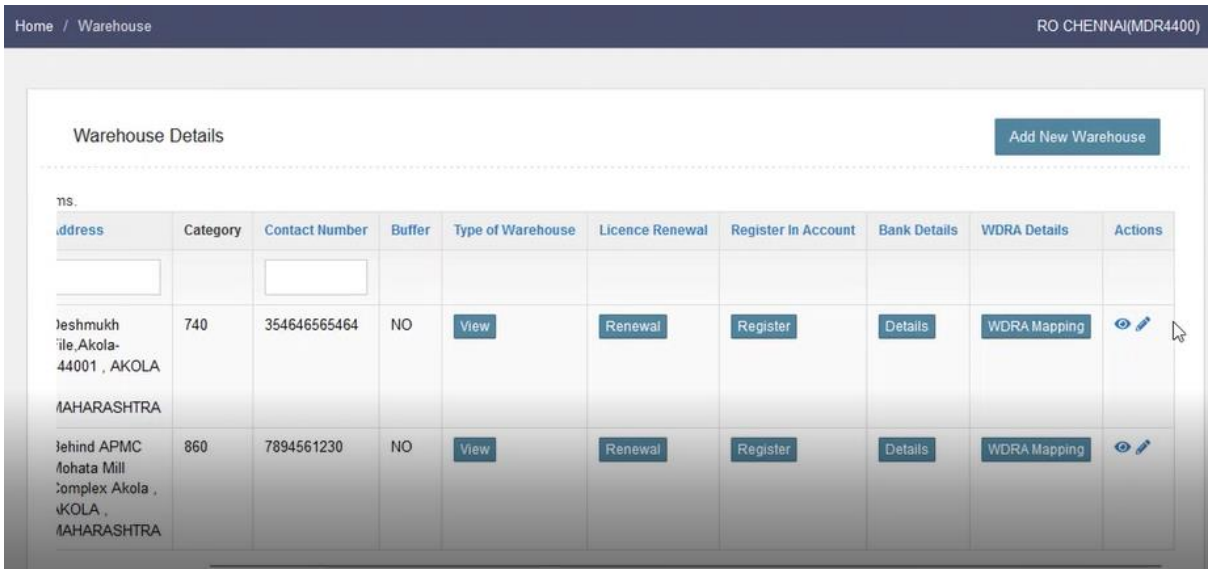
- The user will click on the icon under the “Actions” column.
- By clicking on the same, the user will be redirected to the following screen:



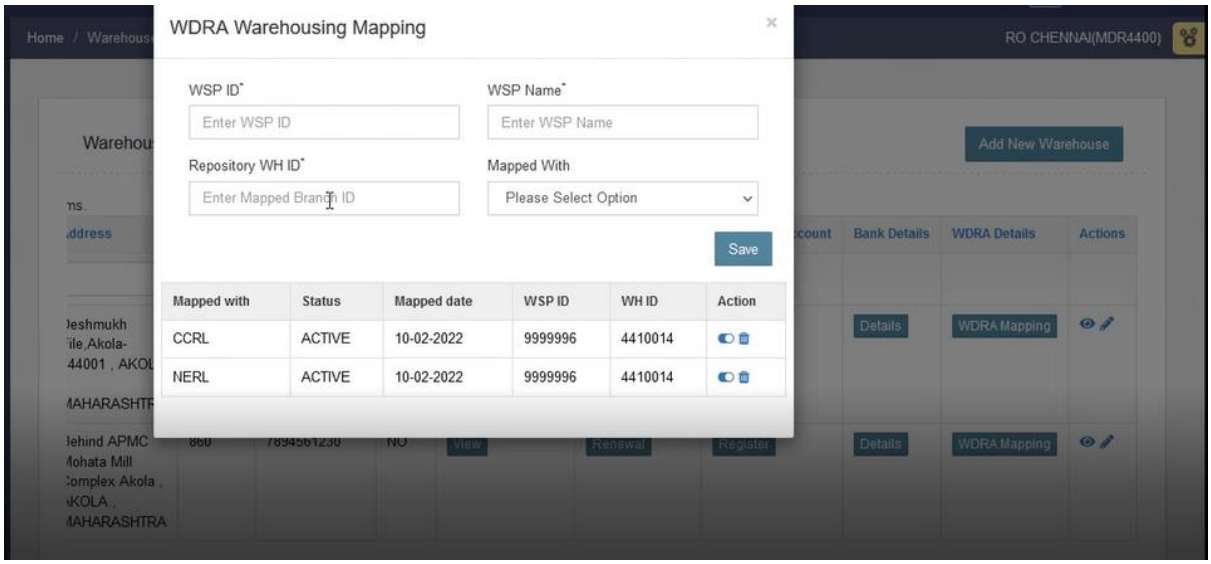
- The user will click on the WDRA mapping button from the below screen:

a. Warehouse mapping

- The user can map the warehouse with WDRA by clicking on the Master→ Master warehouse



- By clicking on the same, a pop up will open wherein the user can map the warehouse with repositories.



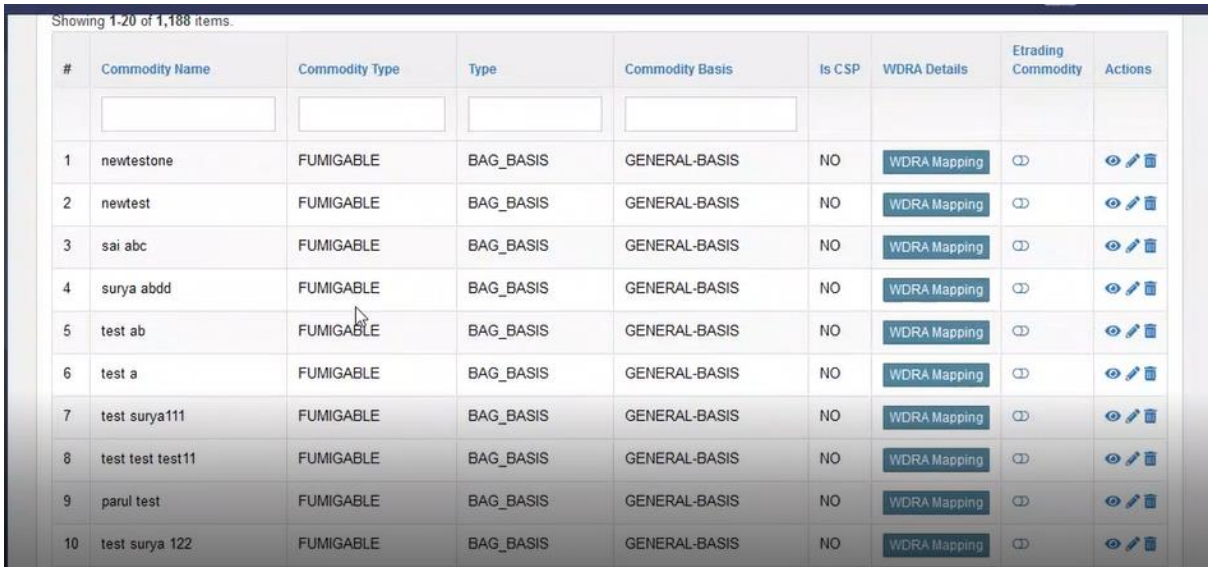
- There will be an option for the user to map the warehouse with both the repositories, i.e. CCRL or NERL.
- The user can enter the following details accordingly:
  - WSP ID
  - WSP Name
  - Repository WH ID
  - Mapped With

- After entering the requisite details, the same will appear in the listing.

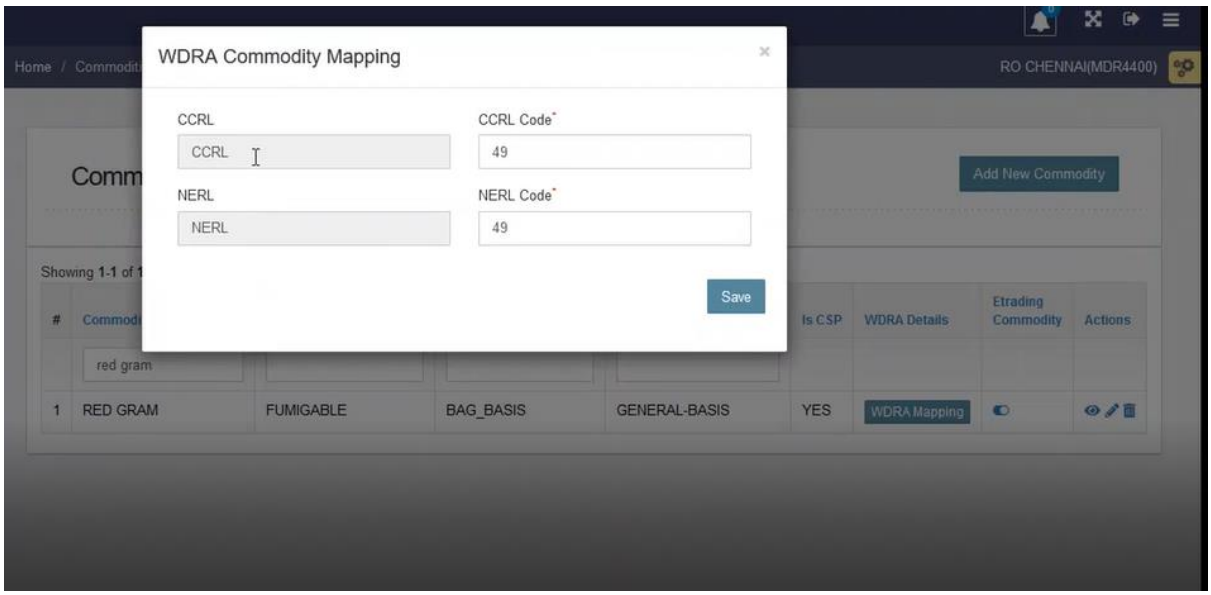
USER- Admin (Tariff Administrator)

b. Commodity mapping

- The user can map the commodity by clicking on the
  Master → Commodity master



- The user will click the WDRA mapping button against the commodity to be mapped.
- By clicking on the same, the following pop-up will open:



- The user will enter the following details and click on the save button.
  - CCRL Code
  - NERL Code

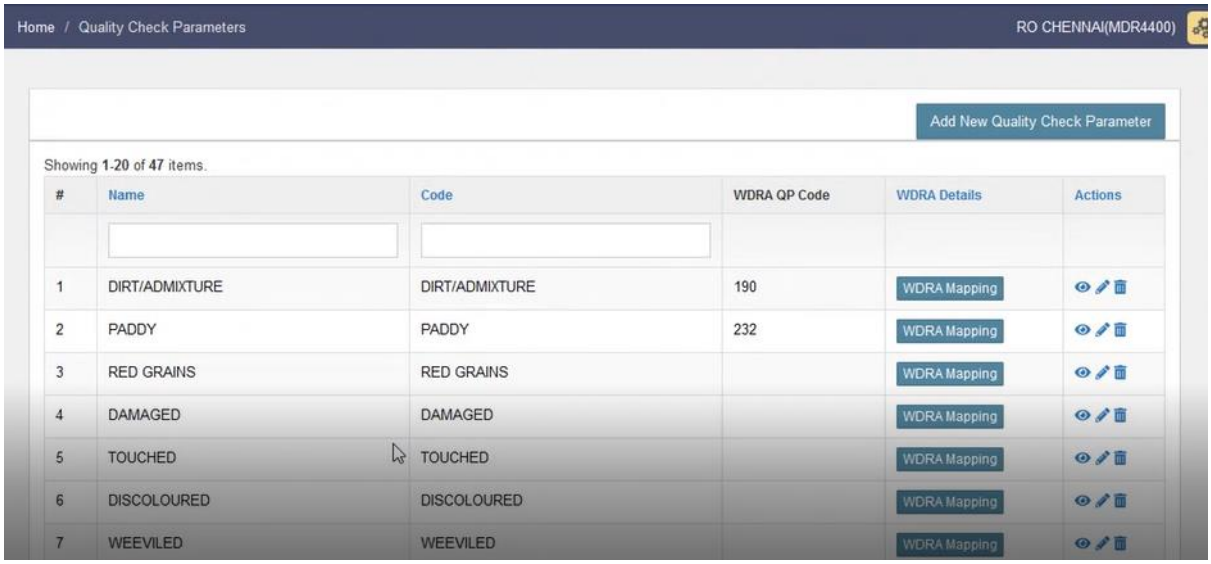
USER- Admin (Technical Administrator)

c. Quality parameters mapping

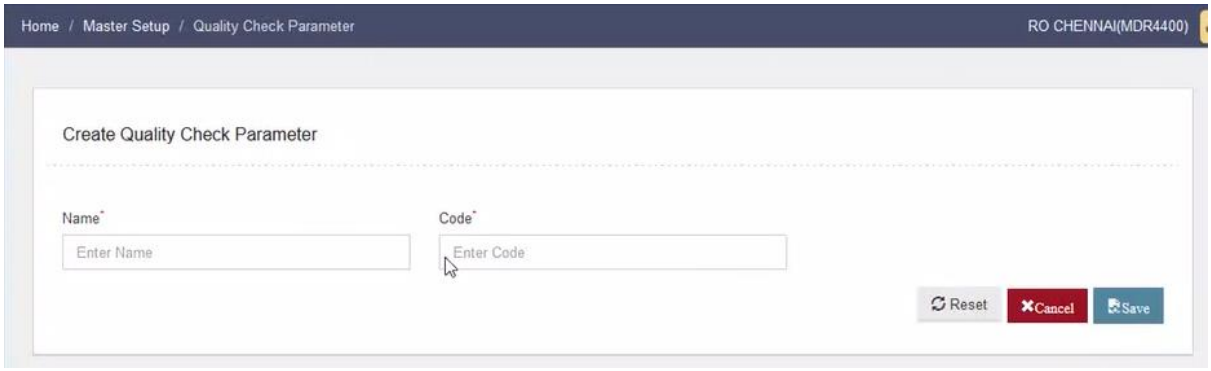
- The user will click on the "Quality" menu to configure the quality parameters.

1. Quality check parameters:

- The user will click on the quality check parameters option and the following screen will open:



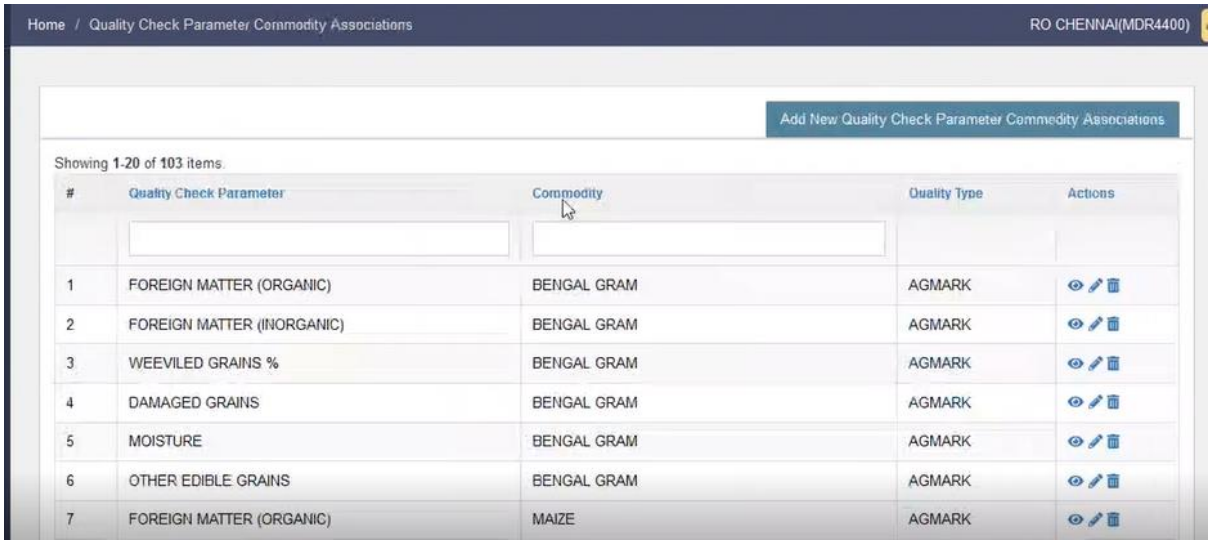
- The user will click on the "Add New Quality Check Parameter" button and the same will be redirected to the following screen:



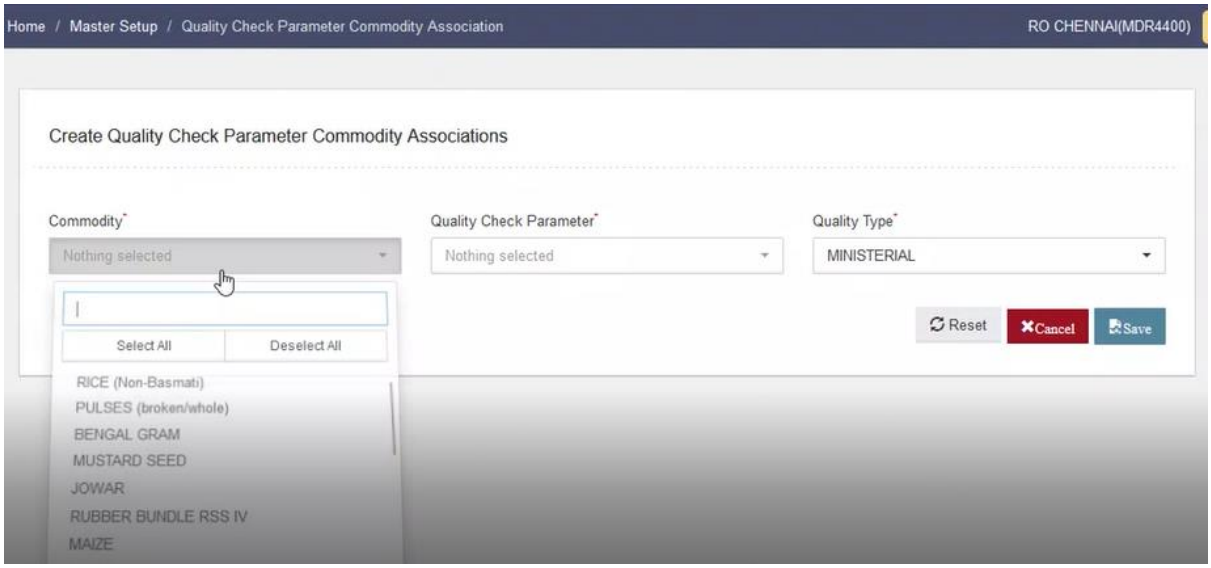
- The user can enter the "Name" and "code" of the quality to be configured and click on the Save button.

2. Map Quality Parameter with commodity

- The user can associate the commodity with the quality parameters.
- To do so, the user will click on the "Map Quality Parameter with commodity" option and will be redirected to the following screen:



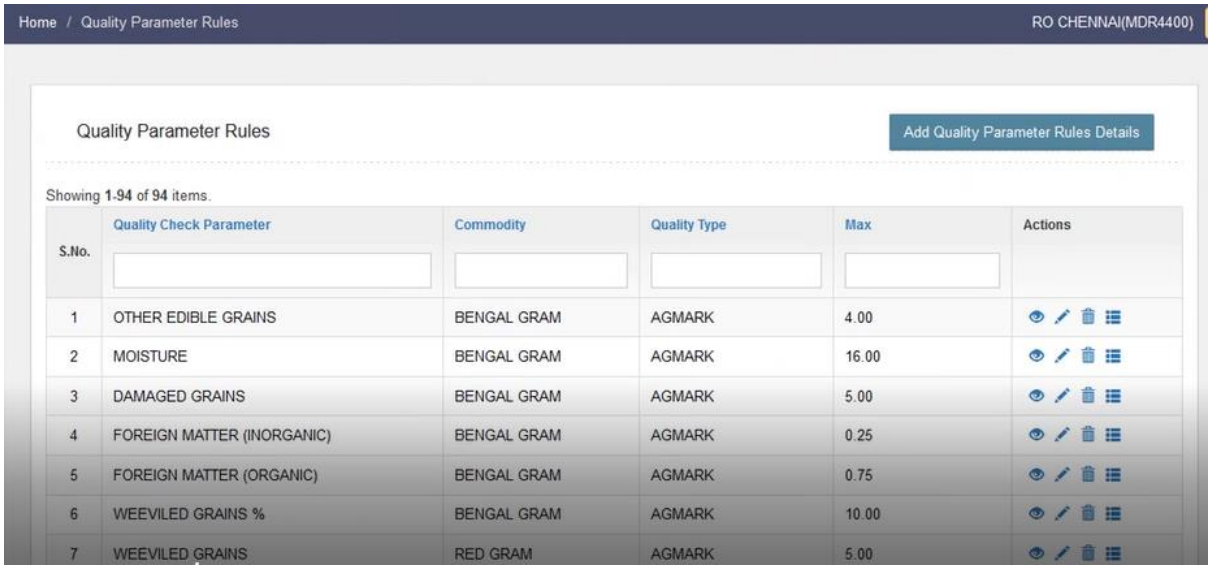
- The user can click on the "Add New Quality Parameter Commodity Association" button.
- Once done, the user will reach the following screen:



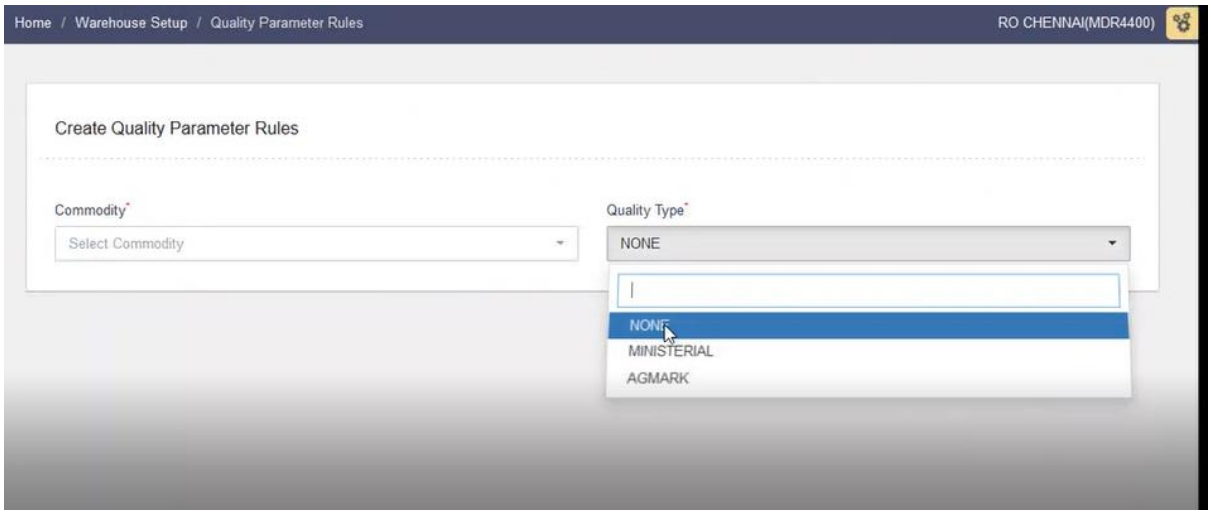
- The user can select the following:
  - Commodity
  - Quality Check Parameter
  - Quality Type
- By filling in the desired fields from the dropdown, the user will click on the save button to proceed ahead.
- The user can also perform the following operations on the screen:
  - Edit
  - View
  - Delete

3. Quality parameter rules

- The user will click on the "Quality rules" option to add the details.
- Once done, the following screen will open:



- The user will click on the "Add Quality Parameter Rules Details" button and will be redirected to the following screen:



- The user will select the following details on the screen:
  - Commodity
  - Quality Type (For now there are only two Quality types i.e., Ministerial or AGMARK)

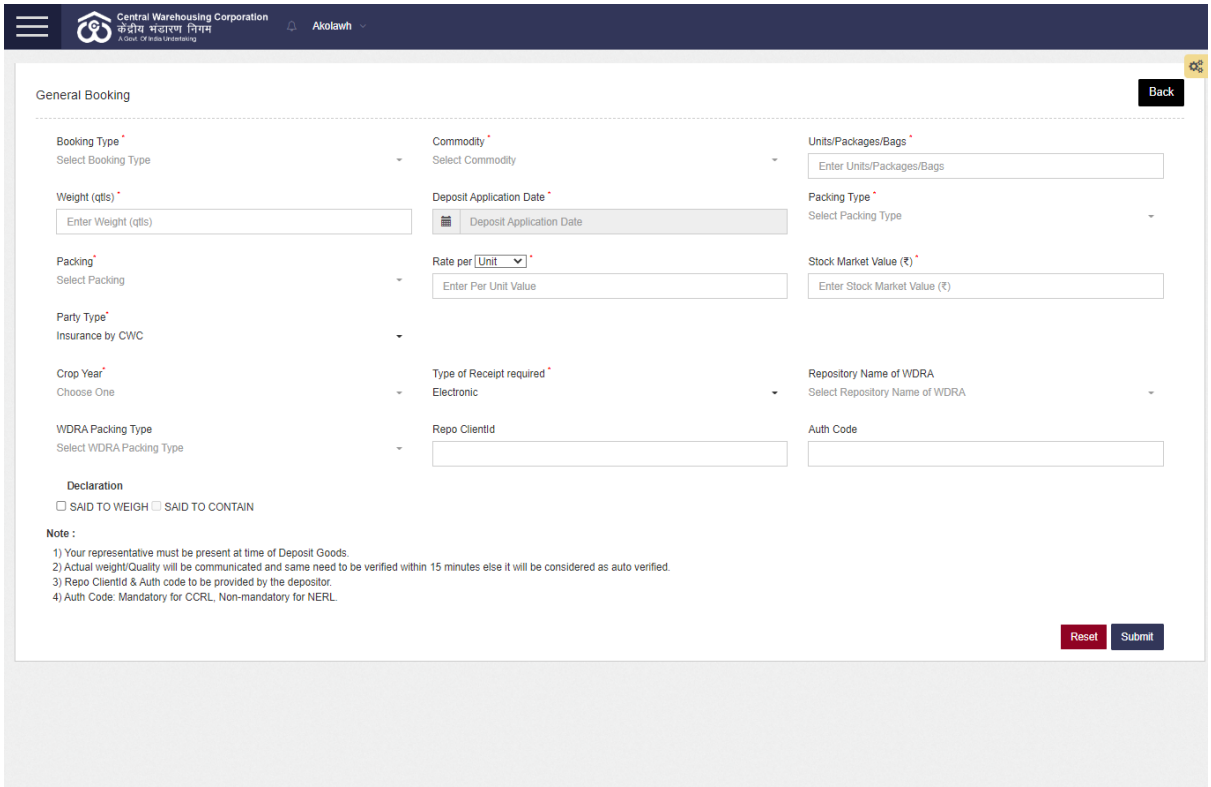
The Integration with WDRA will require the following processes(APIs) for the first phase of Integration:

- DAF (Reservation DAF & general DAF) – KYC API
- ACK generation Assign Quality parameters – Assign API
- ACK generation Physical Deposit – Physical Deposit API
- Issue Stack Out – Withdrawal API

There must be a request for same no. of bags in the CCRL/NERL portal against which the DAF for the same depositor in WMS shall be created.

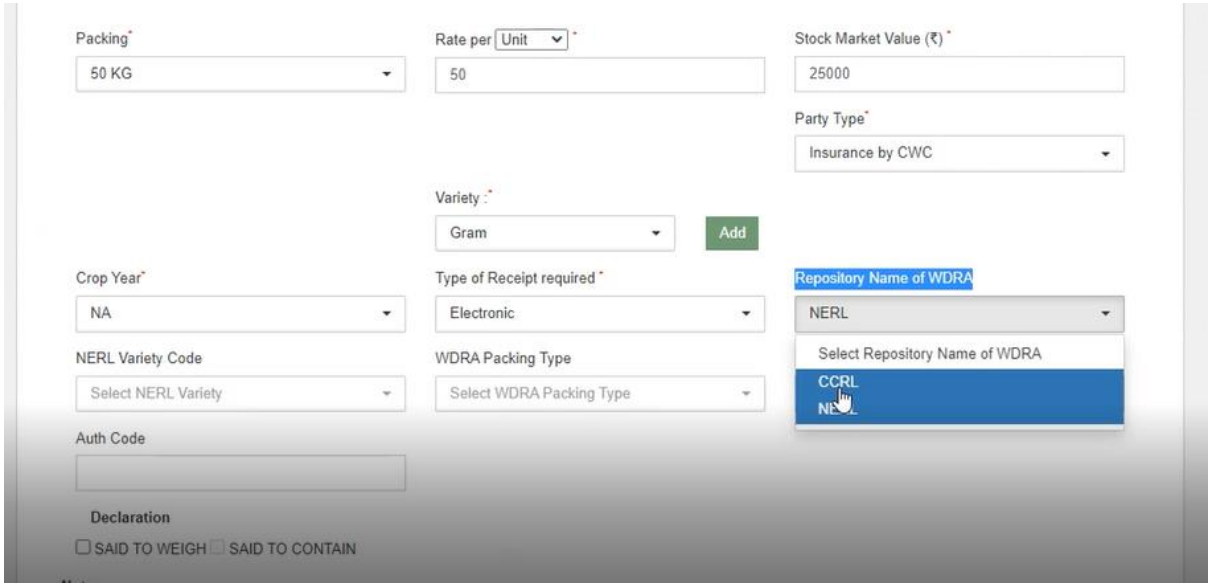
2. KYC API

- KYC will be done before the initiation of any CWC to Repository transaction by the source CWC system.
- The KYC is initiated at the DAF. The steps followed are as follows:



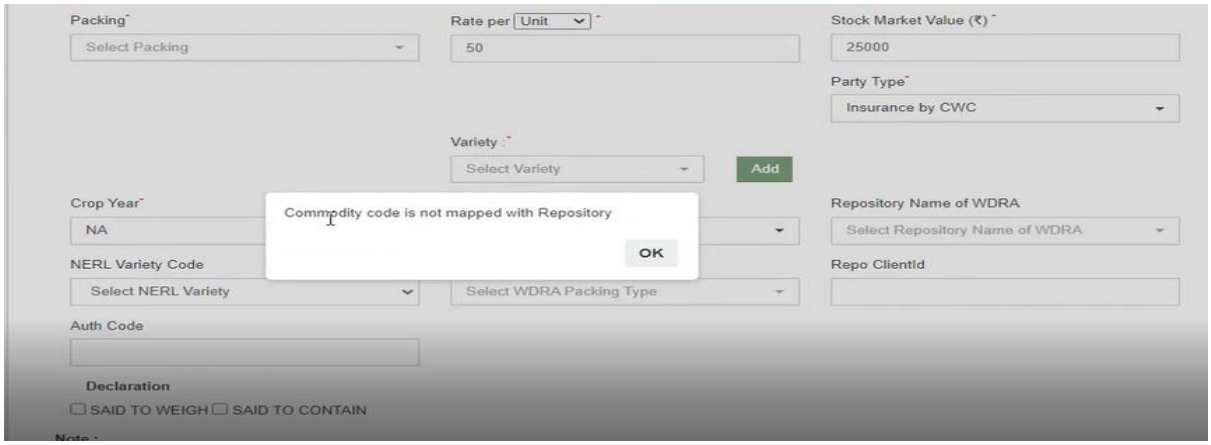
- The user will select the following fields:

1. Type of receipt required (Dropdown)
    a. Electronics
    b. Normal
2. Company name of WDRA
    a. If the Type of receipt required is selected as (Electronics) below two options will appear:
        i. CCRL
        ii. NERL
3. Repo Client ID - If the Type of receipt required is selected as (Electronics) we need to enter the REPO CLIENTID manually.
4. Auth code -This field is also filled by the user.

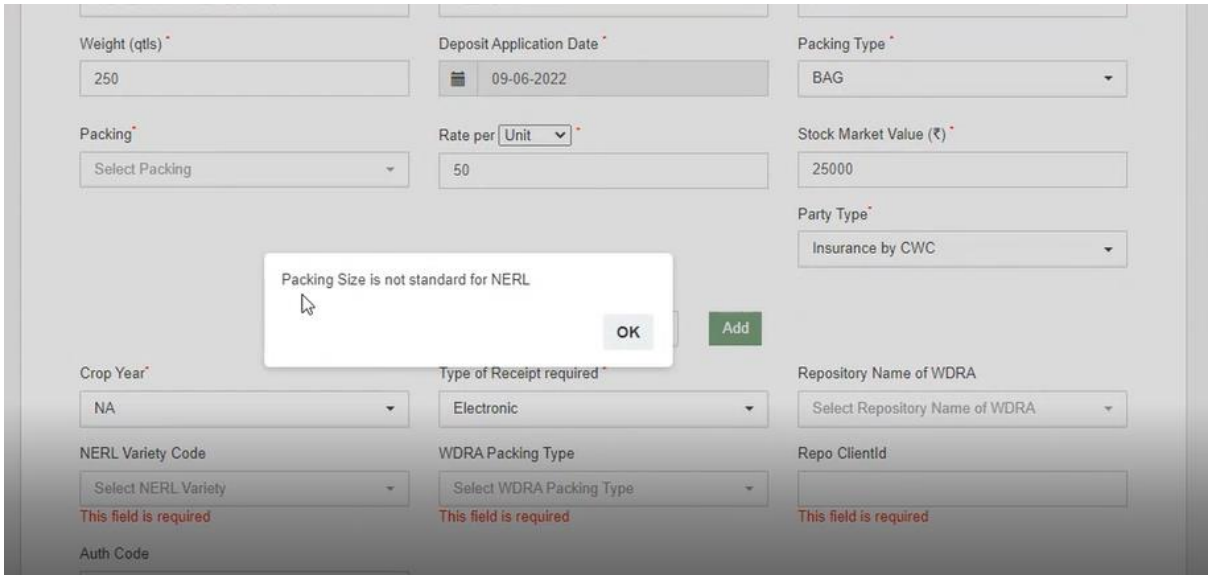


Note:

- ***When the Repository name of WDRA is selected, the system will check whether the commodity codes for the commodity entered in the DAF are mapped or not. If the mentioned commodity in the DAF is not mapped, the system will throw an error as depicted in the image below:***



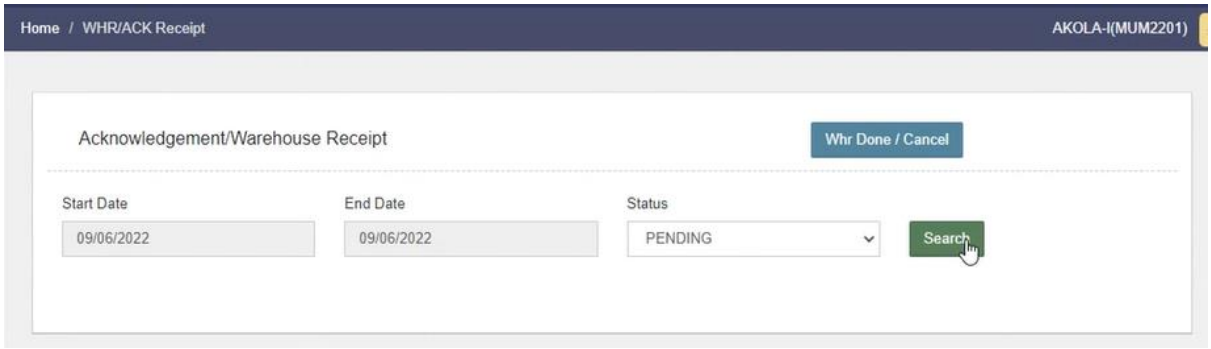
- ***Also, if the Repository Name is selected as NERL, then the Packing Size will always be a multiple of 5 else the system will throw an error as follows:***

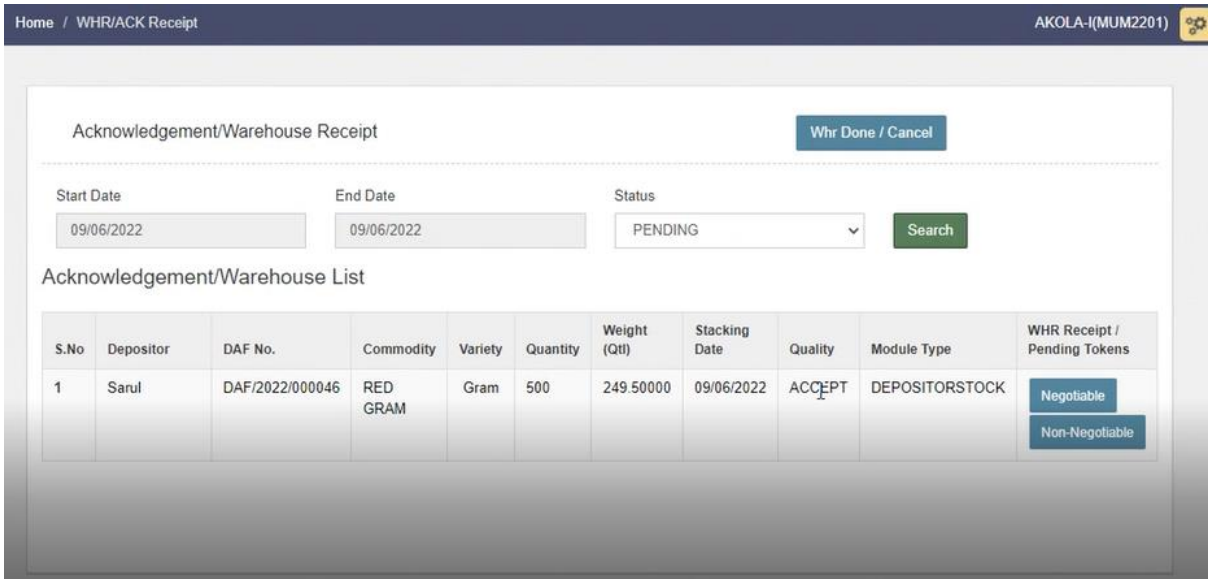


- ***Repo and Auth code will be provided by the depositor.***
- ***Auth code is mandatory for CCRL and nn-mandatory for NERL.***

3. ACK generation Physical Deposit – Physical Deposit API & ACK generation Assign Quality parameters – Assign API

- The user can generate the ACK from the ACK/WHR option after completing the receipt process.





- The user can click on the “Negotiable or Non-negotiable” button.

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Acknowledgment

Negotiable Warehouse Receipt

Form A

See section 11 of the Warehouse Development and Regulation Act,2017

Name and Location of Warehouse

1. Name & complete postal address of warehouse: pwhouse 98

2. Received from(Name and address of the depositor): Blue chandigarh

3. Valid upto*: 31/12/2022

4. Warehouse Registration No: NA

5.1 Commodity: RED GRAM

5.2 Variety: Gram

6.1 Grade:

6.2 Category: A

6.3 Classification (Infestation): CLEAR

6.4 Quality: FAQ

6.5 Moisture:

Crop Year: 2022-23

Procurement Agency: Address

Society: Address

Mandi: Address

Scheme: Address

6. Goods of the following descriptions:

Action	Compartment No	Stack Name	No. of Packages/bags	Net Quantity in MTs/Qtls
View	5100A	5100A-1	50	100
	Total	50	100	

6.1 Market value at the time of deposit *: 0.00

6.2 Total Market Value *: 0

7.1 Private marks of the depositor on the packages, if any *: Private Marks

7.2 Rate of storage/handling other charges *: 9.8

7.3 Rate Per Packages *: Total Value Of Packages (₹)

7.4 Total Value Of Packages (₹)*: Total Value Of Packages (₹)

8. Stock Insured: Yes

9. Stock Condition: Good

10. The goods are accepted for storage from date *: 26/05/2022

To date: 25/08/2022

11. The receipt is valid upto * (being the date of expiry of the declared shelf-life.): 20/12/2022

Condition of package *: Nothing selected

13. Internal Reference Number *:

14. Auth Code *: Ath0021

15. Type of repository: CCRL

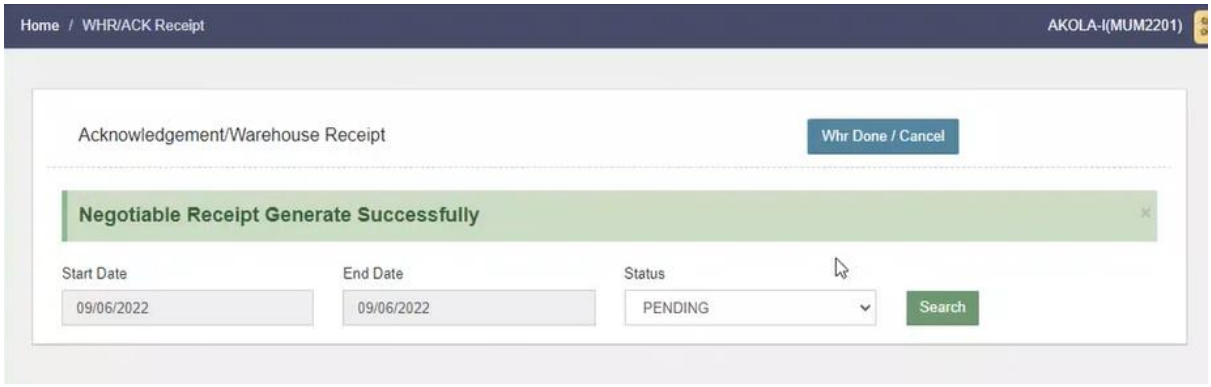
16. Commodity Code *: 49

Remarks:

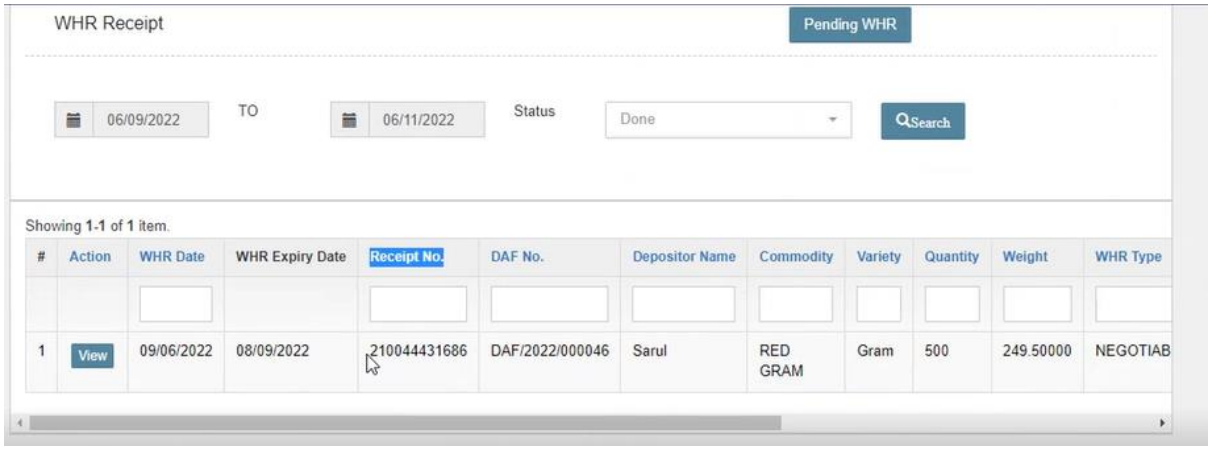
Note: Internal Reference Number & Auth code to be provided by the depositor. Mandatory for CCRL and Non-mandatory for NERL.

Save

- The user will fill in the required fields and click on the “Save” button.
- Once done, the user will get the following message for a successful API response.



- The user can also check the details of the ACK/WHR.



- Here, the receipt no. depicted is obtained through the API.
- The user can also click on the “view” button to see the WHR as follows:

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Warehouse Receipt - Negotiable

Form A

See section 11 of the Warehouse Development and Regulation Act,2017

Name and Location of Warehouse

1. Receipt Number : 210045224114 *Dated: 08/12/2022*

2. Name & complete postal address of warehouse
AKOLA-I Deshmukh File,Akola-444001

3. Warehouse Registration No
12345

Valid upto

4. Received from(Name and address of the depositor)
Sarul india

5.1 Commodity
RED GRAM

5.2 Variety
Gram

6.1 Grade
special

6.2 Category
A

6.3 Quality
FAQ

6.4 Classification
CLEAR

6.5 Moisture

Goods of the following descriptions:

Stack Name	Compartment No	No. of Packages/bags	Net Quantity in MTs/Qtls
1E-18	1E	602	301.68000
	Total	602	301.68

Market value at the time of deposit
62.00

Total Market Value
37324

7.1 Private marks of the depositor on the packages, if any
rr

7.2 Rate of storage/handling other charges
8.89

8. Stock Insured
YES

9. Stock Condition
Good

10. The goods are accepted for storage from date
08/12/2022

to
07/03/2023

Condition of package

Remarks
rr

Quality Details

FOREIGN MATTER (ORGANIC)	0.10
MOISTURE (%)	1.00
FOREIGN MATTER (INORGANIC)	0.10
OTHER EDIBLE GRAINS	0.10
WEEVILED GRAINS	1.00
DAMAGED GRAINS	0.20

Assaying type
SELF

Sample ID
000133

ARN
000133

Sample Number
000133

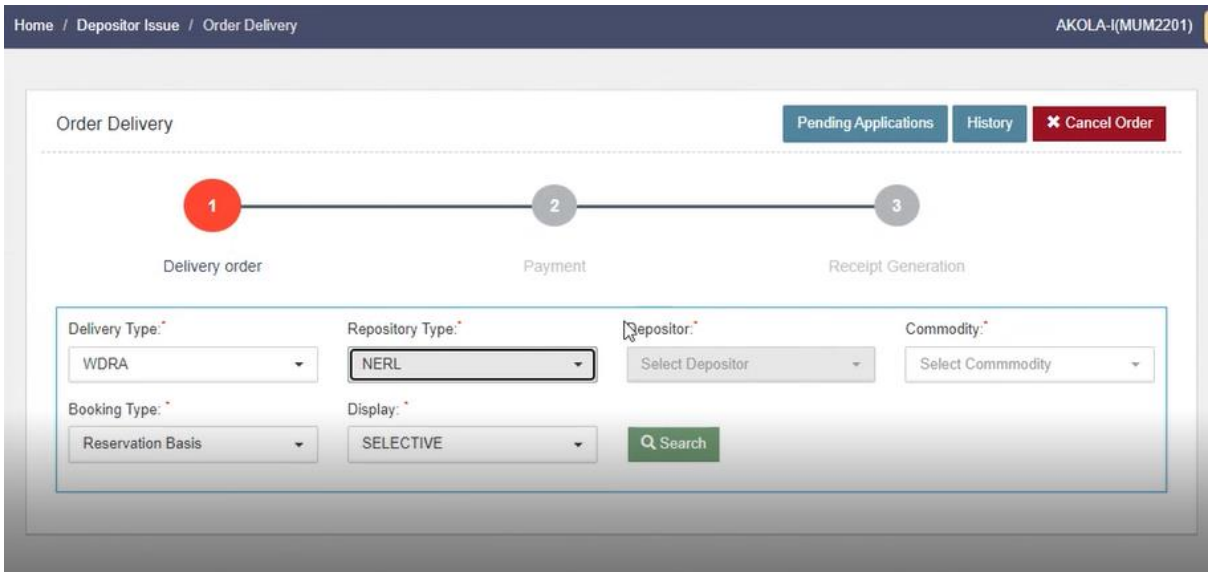
Not for General Use

Note: At quality the user can select the "assaying type" as Self or Third party and accordingly the details will be visible in the generated WHR.

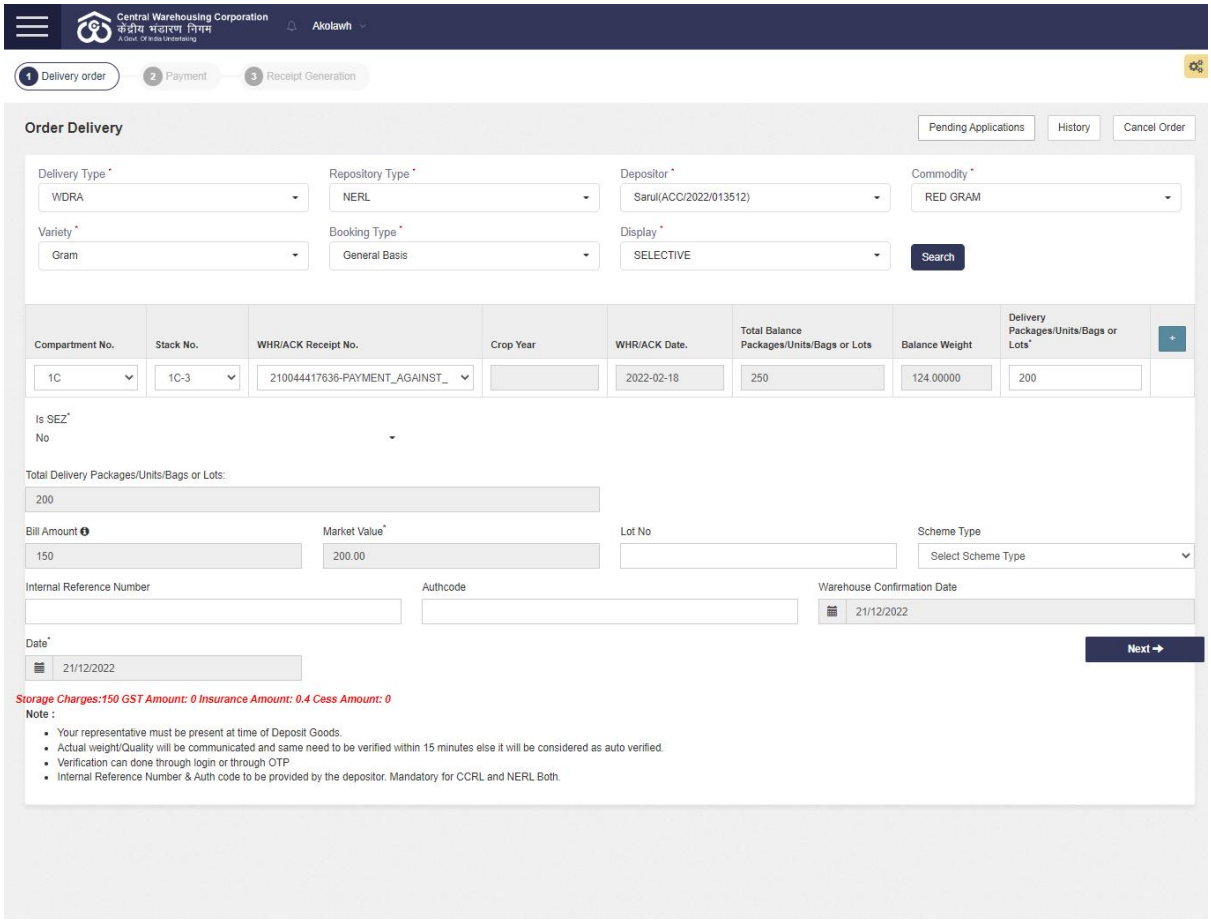
4. Issue Stack Out – Withdrawal API

The API will hit at the "Stack out" process.

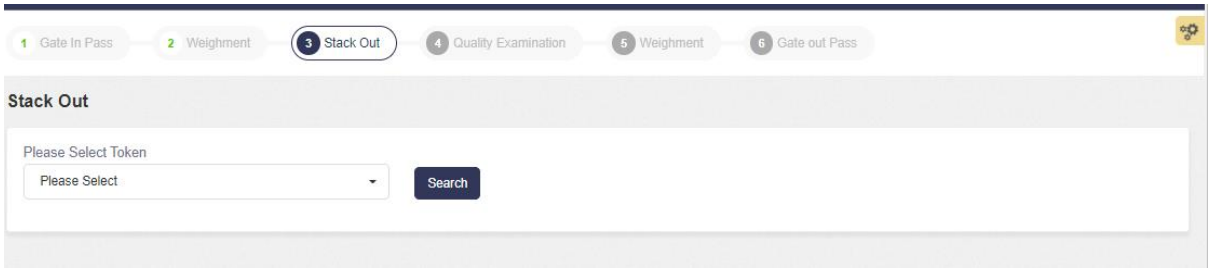
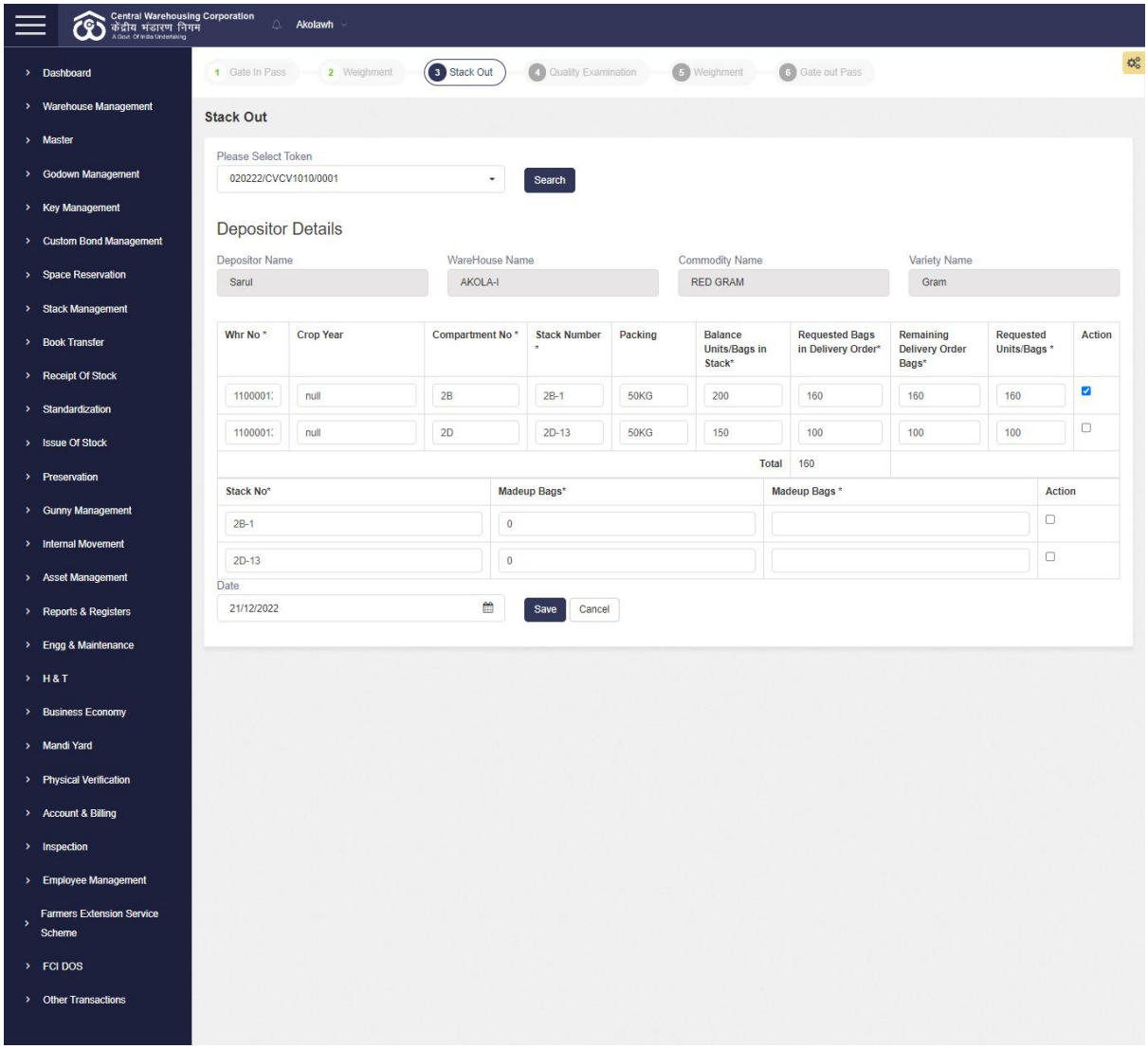
- The user will click on the "Delivery order" to proceed with the stack out process.
- Once the done, the user will be redirected to the following screen:



- The user will select the required details and click on the search button as follows:



- The user will enter the Internal reference number and Auth code provided by the depositor.
- The user can only stack out the no. of bags mentioned/ authorized against the particular Internal reference number and Auth code by the repository.
- The user can create multiple DO against the same Internal reference number and Auth code till the number of bags requested/authorized by the repository are exhausted.
- Once the delivery order is created, the user will complete the “Gate-In” and “Tare weighment”.



- Once done, the stack out process will be initiated.