**File No.:** **VIS (2024-25)-PL895-780-1070 Dated: 15.04.2025**

**PLANT & MACHINERY PROGRESS REPORT**

**OF**

**CHAUDHERY CHEESE PLANT**

**SITUATED AT**

**MOUJA -KOHLI, TEHSIL-ADAMPUR, DISTRICT-HISAR, HARYANA**

**IMPLEMENTED BY**

**M/S CHOUDHERY CHEESE BAZAR PVT. LTD. (CCBPL)**

**REPORT PREPARED FOR**

**STATE BANK OF INDIA, RMSME COMMERCIAL BRANCH, JANPATH**

***\*\*Important - In case of any query/ issue or escalation you may please contact Incident Manager at le@rkassociates.org. We will appreciate your feedback in order to improve our services.***

***NOTE: As per IBA Guidelines please provide your feedback on the report within 15 days of its submission after which report will be considered to be correct.***

**REPORT FORMAT:** CL-1 | Version: 1.0\_2018

# FILE No.: VIS (2024-25)-PL895-780-1070 Date: 15-04-2025

* **DOCUMENT NAME:** Status Report of Plant & machinery located at Mouja -Kohli, Tehsil-Adampur, District-Hisar, Haryana.
* **PREPARED FOR ORGANIZATION:** State Bank of India, RMSME Commercial Branch, Janpath
* **BORROWER COMPANY’S NAME:** M/s. Choudhery Cheese Bazar Pvt Ltd
* **INDUSTRY TYPE:** Dairy Products – Cheese, Mozzarella Cheese, Whey and Curd.
* **ADDRESS OF THE PLANT:** Mouja -Kohli, Tehsil-Adampur, District-Hisar, Haryana

|  |  |  |
| --- | --- | --- |
| **S. NO.** | **PARTICULARS** | **DESCRIPTION** |
|  | Work Order Reference No. | Email Dated - 3rd March 2025 |
|  | Date of Survey | 15-04-2025 (Virtual Survey) |
|  | Date of Document | 20-03-2025 |
|  | Documents provided for perusal | List of Machines |
|  | Documents provided by company | List of Machines |
|  | Implementing Company | M/s. Choudhery Cheese Bazar Pvt Ltd. |
|  | Type of Asset | Cheese Manufacturing Plant |
|  | Type of Assessment | Status Report of Plant & Machinery in a Plant |
|  | Scope of Assessment | To provide status of the Plant |
|  | Purpose of Assessment | Progress of machines purchased/ installed/ proposed to be installed by the borrower company. |
|  | Project Background | This is a green field Cheese Manufacturing of proposed 40 Ton/ day being setup by M/s Choudhery Cheese Bazar Pvt. Ltd. At Mouja - Kohli, Tehsil - Adampur, DistrictHisar, Haryana for the production of the following:   * Cheese Manufacturing Facilities – ~12,375 MT/ Year * By-Products (ghee, curd & whey powder) – 7500 MT/ Year |
|  | Year of Installation | 2024 - 25 |
|  | Conclusion | As per physical inspection made during site visit, Plant has achieved partial installation and setup and further work is in progress. Machine wise status can be referred in the Table below. |

**OBSERVATIONS:**

1. As per observations made and information provided during virtual survey of the plant on 15.04.2025.
2. Virtual survey of the plant has been conducted along with Mr. Ashish Choudhary on video call citing urgency of the matter.
3. We have been provided with the list of machines that has to be purchased/ installed/ proposed to be installed by the borrower company.
4. Based on the information provided by the subject company (M/s. Choudhery Cheese Bazar Pvt Ltd), it is certified that the following machines have been purchased/ installed/ to be installed at the above-mentioned site address.

**STATUS OF MAIN EQUIPMENT**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No:** | **Item** | **Quantity** | **Approved/ Not Approved by MOFPI** | **Current Status** |
| **A** | **Milk Procurement** | | |  |
| 1 | Bulk coolers, 2000 KL Cap | 40 | Not approved | Installed and trial run of the machines have been completed. |
| 2 | Computerized Milk Weighment & Testing | 40 |
| **B** | **Milk Reception** | | |  |
| 1 | Thermisor cap 25 KL/hr ho deg.C/ 15 Sec | 1 | Approved | Installed and trial run of the machines have been completed. |
| 2 | Weigh Bridge | 1 |
| 3 | Storage Silos 60 KL | 3 |
| **C** | **Milk Processing** | | |  |
| 1 | Milk Pasteuizer 25 KL/hr | 1 | Approved | Installed and trial run of the machines have been completed. |
| 2 | Bactofuge 25 KL/hr - Used for cheese | - |
| 3 | Milk Separator 25 KL/hr | 1 |
| 4 | Cream Pasteuizer 3 KL/hr | 1 |
| 5 | Chilled Water | 1 |
| 6 | Storage Silos 60 KL (PMT) | 4 |
| 7 | Cream Silos 5 KL | 2 |
| 8 | Homogenizer | 1 |
| **D** | **Cheese Equipments** | | |  |
| 1 | Double 'O' Vats cap.15000/16000 | 3 | Approved | Installed and trial run of the machines have been completed. |
| 2 | Finishing Vats, cap 10 KL | 3 |
| 3 | Cooking and Stretching 2.0/2.5 HT.batch stream | 1 |
| 4 | Drum Moulder for 2.5 HT | 1 |
| 5 | Dry Salter Suitable | 1 |
| 6 | Water Doser Suitable | - |
| 7 | Cooling Vat 1 set | 1 |
| 8 | Drying room at 2 deg. C | 1 |
| 9 | Dicer cap. 2.0 MT/hr | 1 |
| 10 | Sifter Suitable | 1 |
| 11 | Tumbler Suitable | 1 |
| 12 | Anticaking Agent Doser | 1 |
| 13 | Conveyor 1 set | 1 |
| 14 | FFS Machine 2 MT/hr | 1 |
| 15 | Multivac Double Decker | 1 |
| 16 | Set of conveyors with metal detector | 1 |
| 17 | Maturing room cold storage | 1 |
| 18 | Blast Freezer cold storage | 1 |
| 19 | Cold Store Deep Freezer | 1 |
| 20 | Presses for 20kg block cheddar | 1 |
| 21 | Cheese Hoop | 1 |
| 22 | Maturing Cold Storage Cheddar | 1 |  |
| **E** | **Whey Equipments** | | |  |
| 1 | AZO Filter | 1 | Approved | Arrived on site and Installed |
| 2 | Whey Pasteurizer 25 KL/hr | 1 | Arrived on site and Installed |
| 3 | Whey Separator 25 KL/hr | 1 | Arrived on site and Installed |
| 4 | Whey Clarifier 25 KL/hr | 1 | Arrived on site and Installed |
| 5 | Nano Filtration 20 KL/hr | 1 | Arrived on site and Installed |
| 6 | Nano Polisher 20 KL/hr | 1 | Arrived on site and Installed |
| 7 | Suitable Evaporator | 1 | Arrived on site and Installed |
| 8 | Crystallization | 1 | Arrived on site and Installed |
| 9 | Silos 60 KL | 2 | Arrived on site and Installed |
| 10 | Ultra Filterator 20 KL/hr for WPC 80 | - | Arrived on site and Installed |
| **F** | **Cheese Process** | | |  |
| 1 | Grater | 1 | Approved | Installed and trial run of the machines have been completed. |
| 2 | Processing Kettle 80 Ltr | 1 |
| 3 | Block Filling Ceka Pollatiner | 1 |
| 4 | Slice IWS | - |
| 5 | Portion Machine (80-100 portion/min) | 1 |
| 6 | Filling Machine for Tubs | 1 |
| 7 | Filling Machine for Bottle | 1 |
| 8 | Cold Storage | 1 |
| 9 | Homogenizer 1000-1500 KL/hr | 1 |
| 10 | Pumps | 1 |
| **G** | **Ghee** | | |  |
| 1 | Cream Concentrator 1.5-2 KL/hr capacity | 1 | Approved | Installed and trial run of the machines have been completed. |
| 2 | Ghee Kettle Cap - 1 MT | 2 |
| 3 | Ghee Kalrifier 1 MT/hr | 1 |
| 4 | Ghee Filling Machine in Jars | 1 |
| 5 | Ghee Pouch Filling | 1 |
| **H** | **Paneer** | | |  |
| 1 | Silos 30 KL | 2 | Approved | Installed and trial run of the machines have been completed. |
| 2 | Milk Pumps (10 KL/ hr) | 1 |
| 3 | PHE cap 3000 ltr/hr 6 deg.C to 90 deg.C | 1 |
| 4 | Milk Storage Tank (3 KL) | 3 |
| 5 | Pumps with VFD (10 KL/ hr) | 1 |
| 6 | Alpma equipment | 1 |
| 7 | Moulds with lids | 40 |
| 8 | Roler conveyor | 1 |
| 9 | Presses | 1 |
| 10 | Water cooling | 1 |
| 11 | PHE for cold water (10 KL/ hr) | 1 |
| 12 | Milk Pumps | 1 |
| 13 | Whey Storage Silos (30 KL) | 3 |
| 14 | Acid Tank System (2 KL) | 2 |  |
| 15 | SS Pipes & fittings | 1 |
| 16 | Multivac Thermo Forming Machine R225 | 1 |
| 17 | Howbart slicer | 2 |
| 18 | Electrical | 1 |
| 19 | Thermisation | 1 |
| 20 | Cold Storage plus | 1 |
| 21 | Cold storage deep | 1 |
| 22 | Multivac small vacuum packaging | 1 |
| 23 | Misc | 1 |
| **I** | **Dahi** | | |  |
| 1 | PHE cap 3000 ltr/hr 6 deg.C to 90 deg.C | 1 | Approved | Installed and trial run of the machines have been completed. |
| 2 | Culture tank 5000 KL | 2 | Installed and trial run of the machines have been completed. |
| 3 | Filing machine | 1 | Installed and trial run of the machines have been completed. |
| 4 | Incubation room 1 set | 1 | Installed and trial run of the machines have been completed. |
| 5 | Cold storage 1 set | 1 | Installed and trial run of the machines have been completed. |
| 6 | Trolleys | 10 | Installed and trial run of the machines have been completed. |

**STATUS OF LABORATORY WARE, EQUIPMENTS & INSTRUMENTS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No:** | **Equipment** | | **Quantity** | **Approved / Not Approved by MoFPI** | **Current Status** |
| **I** | **General Equipments** |  | | |  |
| 1 | Laboratory Glass Ware | | Lot | Not Approved | Arrived on site and Installed |
| 2 | Laboratory Chemical Reagents | | Lot |
| **II** | **Laboratory Equipments** |  | | |  |
| 1 | Analytical Balance Top-loading automatic | | 1 | Not Approved | Arrived on site and Installed |
| 2 | Analytical Balance Dhona type Manual | | 2 |
| 3 | Moisture Oven-Air circulation Fan | | 2 |
| 4 | Mufle Furnace 0 deg. To 96 deg.C | | 1 |
| 5 | Soxhelt extraction set 6 packets | | 1 |
| 6 | Refractor-meter | | 2 |
| 7 | Moisture Balance Meter | | 2 |
| 8 | pH Meter | | 2 |
| 9 | Thickness guage tester (.001 LC) | | 2 |
| 10 | T.L.C. Kit | | 2 |
| 11 | Ultra Voilet Kit | | 1 |
| 12 | Microscope | | 2 |
| **III** | **Sophisticated Modern Equipments** | | | | |
| 1 | U.V. Visible Spectophotometer | | 1 | Not Approved | Arrived on site and Installed |
| 2 | Gas Chromatograph | | 1 |
| 3 | Flame Photometer | | 1 |
| 4 | Bomb Calorimeter | | 1 |
| 5 | Polarimeter | | 1 |
| 6 | HPLC | | 1 |
| **IV** | **Microbiology Testing Facilities** | | | | |
| 1 | Laminar Flow | | 1 | Not Approved | Arrived on site and Installed |
| 2 | Colony Counter, Digital | | 2 |
| 3 | BOD Incubator | | 2 |
| 4 | Autoclave | | 1 |
| 5 | Centrifuge | | 1 |

**STATUS OF POWER UTILITIES**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No:** | **Equipment** | **Quantity** | **Approved / Not Approved by MoFPI** | **Current Status** |
| **A** | **33 KV Sub-Station (Refer SLD)** | | |  |
| 1 | 2.0 MVA, 33 KV/ 433V Transformer | 2 No. | Not Approved | Installed and trial run of the machines have been completed. |
| 2 | 33 KV, Vacuum Circuit Breaker (VCB) | 1 No. |
| 3 | 30 KV, Lightening Arrestor (LAS) | 2 Set |
| 4 | 33 KV, TP Isolators | 2 Nos. |
| 5 | RTCC Panel | 1 No. |
| 6 | 110 V Battery with Charger | 1 No. |
| 7 | PCCs, MCC, MDB,SDB | 1 Nos. |
| 8 | 3200 A, TPN Bus Duct | 15 Mtrs. |
| 9 | 1250 A, TPN Bus Duct | 3 Mtrs. |
| 10 | 1000A, TPN Bus Duct | 10 Mtrs. |
| 11 | 700 KVAR Capacitors with control panel | 2 Nos. |
| 12 | Steel Structures | Lot |
| 13 | Control cables | Lot |
| 14 | Earthing System | Lot |
| 15 | Misc. | --- |
| **B** | **D.G. Set for Emergency Power to PCC 2 NOS. 500 KVA + 1NO 125KVA DG Set with Control Panel** | 2 Nos. | Approved | Installed and trial run of the machines have been completed. |
| 1 | 11 KV, XLPE Cables for a total load for 4000 KVA, entire localized load centres |  |
| 2 | Internal Electrification |  |
| 3 | External Electrification |  |

**STATUS OF EQUIPMENT TO GENERATE AND DISTRIBUTE PROCESS STEAM**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No:** | **Equipment** | **Quantity** | **Approved / Not Approved by MoFPI** | **Current Status** |
| **A** | **Bio-Mass Boiler With Standard Components** |  | |  |
| 1 | Bio-mass based boiler of capacity 12,000 Kg/hr of saturated steam @ 10.50 Bar including standard components like ID & FD  Fan, motors and mounting /fittings etc. | 1 | Not Approved | Installed and trial run of the machines have been completed. |
| 2 | Air Pre-heater | 1 |
| 3 | Dust Collector | 1 |
| **B** | **Essential accessories, erection & commissioning and certification of Boiler** |  |  |  |
| 1 | Chimney complete with ladder, lightening arrestor including ducting to connect it with boiler and canvas duct for FD fan | 1 | Not Approved | Installed and trial run of the machines have been completed. |
| 2 | Complete feed water system including a tank of 30 kL, structure for staging and all valves, fittings etc. | 1 |
| 3 | Steam system including Pressure Reducing Station, main header with all standard fittings and mountings etc. | 2 |
| 4 | Miscellaneous items like support structure of ducts, boiler operation platform, foundation bolts, refractory lining etc. | LOT |
| 5 | IBR approval | 1 |
| 6 | Steam distribution piping from boiler house to use points | LOT |

**INTERIM STATUS OF OTHER MISCELLANEOUS ITEMS (NOT APPROVED BY MOFPI)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No:** | **Equipment** | **Quantity** | **Approved / Not Approved by MOFPI** | **Current Status** |
| 1 | RO Plant & Water Softening Plant | 1 | Not Approved | Installed and trial run of the machines have been completed. |
| 2 | Air Compressor | 1 | Not Approved | Installed and trial run of the machines have been completed. |
| 3 | ETP | 1 | Not Approved | Installed and trial run of the machines have been completed. |
| 4 | CIP  (Cleaning in Process) | 1 | Not Approved | Installed and trial run of the machines have been completed. |

**INTERIM STATUS OF MILK TANKERS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No:** | **Equipment** | **Capacity(KL)** | **Quantity** | **Approved / Not Approved by MOFPI** | **Current Status** |
| 1 | Reefer Vans | 18 | 4 | Approved | Arrived on site and Installed |

**NOTE:**

1. During the virtual survey, machines were shown operating for Milk Processing Section, Cheese Process Section, Paneer Section and Dahi Section.

**METHODOLOGY ADOPTED:**

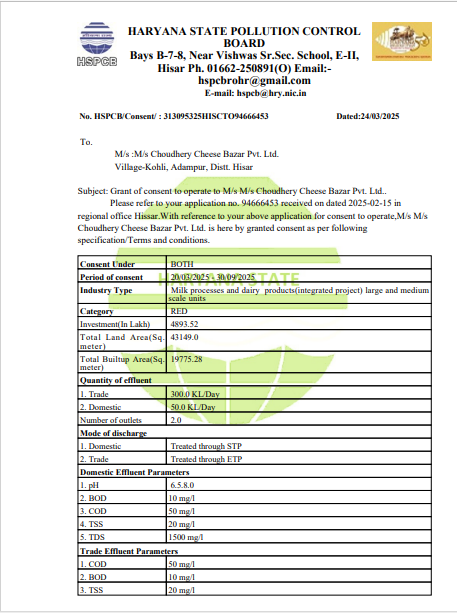
1. As per observations made and information provided during virtual survey of the plant on 15.04.2025.
2. Virtual survey of the plant has been conducted along with Mr. Ashish Choudhary on video call citing urgency of the matter.
3. Virtual survey started from CIP section and have further touched upon Milk Processing Section, Cheese Process Section, Paneer Section and Dahi Section.
4. During the virtual survey, it was observed that the major sections such as the Milk Processing Section, Cheese Processing Section, CIP sections, Paneer Section, and Dahi Section are fully automated and run-on SCADA.

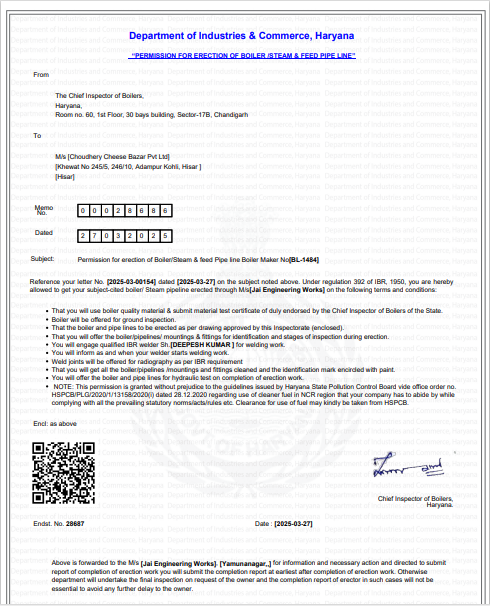
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| --- | --- | --- |
| For R.K. Associates Valuers & Techno Engineering Consultants (P) Ltd. | | |
| Survey Engineer | Engineer | L1/ L2 Reviewer |
| Nischay Gautam | Nischay Gautam | Sr. V.P. Projects |
|  |  |  |

**DISCLAIMER:**

* 1. *During the course of the assessment, several information/ data/ inputs is referred made available to us by the company and in the event, this is found to be incorrect then this document would be null & void.*
  2. *This Document is stated on the basis on the virtual Site Survey on 15.03.2025 and we don’t recommend any other sort of recommendation in our Document.*
  3. *This Document doesn’t include any work related to drawing, design, sketch plan, machine conditions, economic life.*
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**ENCLOSURE: I – DOCUMENTS**

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# ENCLOSURE: II – PHOTOGRAPHS

|  |  |
| --- | --- |
| X:\In Progress Files\Nishchay Gautam\WIP\VIS(2024-25)-PL895-780-1070 Chaudhary cheese (DCCO)\Site Images\Virtual Survey\Screenshot_2025-04-15-16-24-23-86_7352322957d4404136654ef4adb64504.jpg | X:\In Progress Files\Nishchay Gautam\WIP\VIS(2024-25)-PL895-780-1070 Chaudhary cheese (DCCO)\Site Images\Virtual Survey\Screenshot_2025-04-15-16-51-38-17_7352322957d4404136654ef4adb64504.jpg |
| X:\In Progress Files\Nishchay Gautam\WIP\VIS(2024-25)-PL895-780-1070 Chaudhary cheese (DCCO)\Site Images\Virtual Survey\Screenshot_2025-04-15-16-38-50-58_7352322957d4404136654ef4adb64504.jpg | X:\In Progress Files\Nishchay Gautam\WIP\VIS(2024-25)-PL895-780-1070 Chaudhary cheese (DCCO)\Site Images\Virtual Survey\Screenshot_2025-04-15-16-33-24-65_7352322957d4404136654ef4adb64504.jpg |