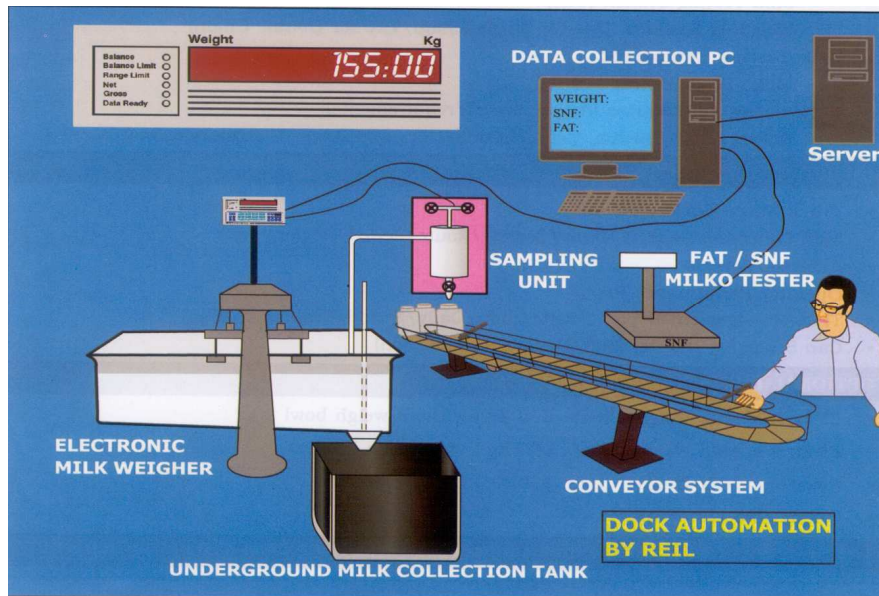# RAW MILK RECEPTION DOCK (RMRD) AUTOMATION SYSTEM

Application

The Raw Milk Reception Dock (RMRD) is the primary intake point of liquid milk entry in dairies/chilling centres.

It is specifically meant for the reception of milk brought in cans from village milk collection centres located over a wide area. It is different from the bulk milk collection system, which are also in operation in these dairies.

The collection process starts from the villages, milk collection centres, groups of which are assigned to distinct milk truck routes.

The cans of individual village milk collection centres from many such routes are unloaded at the RMRD, after which their milk is weighed & tested separately to issue a milk receipt statement according to the measured parameters during the daily shift.

Features

RMRD Network Automation

- Automatic recording of weight and testing parameters
- Online process automation
- Network based system design
- Modular in nature
- Flexible and adaptation to upgradation
- Merges easily with the existing plant layout and procedure
- Suitable for highly humid and corrosive environment
- User authentication, authorisation and data validation
- Performance monitoring

RMRD Operations Automation

- Automatic premixing and drawing of sample
- Automatic discharge of sample into sample bottle
- Automatic conveying of sample to laboratory
- Automatic drainage of weighed milk into dump tank and automatic closure of drain valve
- Jumbo display showing status of online collection and testing data
- Adjustable sample volume
- Single key operation

Specifications

- **Windows Server SBS 2003**
  - Pentium-IV with Windows Server SBS 2003 OS (5 user license)
- **Windows XP Nodes**
  - Milk Testing Station (One)
  - Weighing Station (One for Single Chain/Two for Double Chain)
- **Milk Testing Equipment**
  - Milko-Scan or Electronic Milk Tester
- **Networking Accessories** (As per layout/requirements)
  - Network Switch, Cables, Connectors and Power Distribution Boards, etc.

OUTPUT

- Truck Sheet (Society /Route)
- Milk Collection Reports (Daily /Society /Route/Period/Region)
- Analysis Reports
- Operator Performance Reports
- Time Management Report (Route/Shift/Daily /Period/Region)
- Can Summary (Route/Shift/Daily /Period/Region)

OPTIONAL ITEMS

- Electronic Weighing Scale (Capacity 500 Kg.) without weigh bowl
- Electronic Weighing Scale (Capacity 500 Kg.) with weigh bowl
- Electronic Weighing Scale (Capacity 500 Kg.) conversion unit
- Online UPS (2KVA/3KVA)

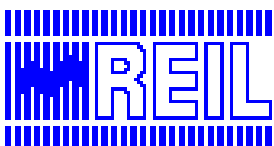**The system is featured for online connectivity with State wide Milknet or Dairy-ERP .**

Note: These are standard features normally applicable to Dairy Plants/Chilling Centers.
Specific solutions are also provided on request.

Regional Offices

Gujarat	Karnataka	Madhya Pradesh	Punjab	West Bengal	Uttar Pradesh	Maharastra
Anand	Bangalore	Bhopal	Chandigarh	Kolkata	Lucknow	Pune
094263-32811	080-22295783	0755-2571290	093160-18225	093391-06240	093353-65994	098901-26519

For further information contact:
Marketing Department, Tel: +91-141-2470784, Fax: +91-141-2470784, E-mail: reilmktg@dataone.in

RAJASTHAN ELECTRONICS & INSTRUMENTS LIMITED
(An ISO 9001:2000 "Mini Ratna" Public Sector Enterprise)
2, Kanakpura Industrial Area, Sirsi Road, Jaipur-302 012 (Raj.) India
EPABX Tel: +91-141-2470062, 2470363 Fax: +91-141-2470139
E-mail: reiljp@sancharnet.in   Website: www.reiljp.com

DOC. No.: REIL-02-42-02