



कोल्ड चेन प्रोसेस मैनेजमेंट स्पेशलिस्ट

A Cold Chain Process Management Specialist plans and runs the temperature-controlled storage and transport network — cold storages, reefer trucks, and warehouses — that keeps fruits, vegetables, dairy, meat, and even vaccines...



Scan for everything on this career

Salary, exams, colleges, the routes in and the steps after — all on the portal.

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प्रधानाचार्य, डाइट बाड़मेर
Principal, DIET Barmer



श्रीमती संघमित्रा

वरिष्ठ व्याख्याता, डाइट बाड़मेर (सहयोग)
Sr. Lecturer, DIET Barmer (Support)



भरत चौधरी

अभिकल्पना व विकास · व्याख्याता (इतिहास)
Designed & developed · Lecturer (History)

विशेष धन्यवाद · SPECIAL THANKS



सुरेन्द्र सिंह राठौड़

व्याख्याता (इतिहास) · रा.उ.मा.वि. कानाना



सुरेश कुमार सैन

व्याख्याता (भूगोल) · रा.उ.मा.वि. रामसीन मूंगड़ा



वनिता कुमारी

व्याख्याता (इतिहास) · रा.उ.मा.वि. रामसीन मूंगड़ा



कमलेश चौधरी

व्याख्याता (राजनीति विज्ञान) · रा.उ.मा.वि. टापरा

करियर मार्गदर्शन कार्यशाला, डाइट बाड़मेर (14-17 जुलाई 2026) में विकसित व लोकार्पित
Developed & unveiled at the Career Guidance Workshop, DIET Barmer (14-17 July 2026)

यह एक स्वतंत्र परियोजना है, जो सरकार की आधिकारिक करियर-मार्गदर्शन सामग्री पर आधारित है। · An independent project based on the Government's official career-guidance content.

1 About this career

A Cold Chain Process Management Specialist plans and runs the temperature-controlled storage and transport network — cold storages, reefer trucks, and warehouses — that keeps fruits, vegetables, dairy, meat, and even vaccines fresh and safe from farm or factory to the final consumer. They assess demand-supply, plan project execution and costs, design plant layout, select vendors, and manage business relationships to keep the cold chain running without a break.

2 At a glance

Minimum qualification	Class 12 pass + age 18
NSQF Level	Level 5
Work Hours	8-9 hrs/day, 5-6 days/week
Starting salary	About ₹25,000/month

3 What you need

INTERESTS

- You are physically fit and comfortable working in cold-storage type environments.
- You are comfortable communicating and coordinating with vendors, farmers, transporters, and clients.
- You have a natural interest in supply chain, logistics, and agriculture/horticulture.

ABILITIES

- Close attention to detail while continuously monitoring temperature, stock, and quality.
- Ability to plan and manage costs for project execution.
- Physical stamina to work extended hours inside cold-storage units.

KEY SKILLS

- Cold storage operations and temperature monitoring
- Vendor selection and negotiation skills
- Basic knowledge of refrigeration and HVAC systems
- Team supervision and customer relationship management
- Demand-supply assessment and inventory planning
- Project execution and cost planning
- Digital inventory/record-keeping software (eVIN-type systems)

4 How to get there

- 1 Complete Class 12 and turn 18 years old.
- 2 Enroll for the NSQF Level 5 Cold Chain Process Management Specialist training through an NSDC/JSS centre or RSLDC (Rajasthan Skill & Livelihoods Development Corporation).
- 3 Complete hands-on training in cold storage and warehouse operations.
- 4 Do an internship/apprenticeship with a cold chain company, food-processing unit, or vaccine store.
- 5 Obtain NCVET-recognised certification from the Logistics Sector Skill Council (LSC).
- 6 Start as an assistant/associate in cold storage operations and progress with experience.

MAIN EXAMS

- There is no separate entrance exam; candidates must clear the NSQF skill-assessment test set by the Logistics Sector Skill Council (LSC).

5 Where to study

GOVERNMENT INSTITUTES

- NSDC – Cold Chain Process Management Specialist प्रशिक्षण केंद्र खोर्जे — All India (<https://www.nsdcindia.org/find-nsdc-training-centre>)
- जन शिक्षण संस्थान (JSS) — All India (<https://nsdcindia.org/find-nsdc-training-centre-jss/>)
- राजस्थान कौशल एवं आजीविका विकास निगम (RSLDC) — Rajasthan (<https://livelihoods.rajasthan.gov.in/rsldc/#/home/dptHome/403>)
- राष्ट्रीय कोल्ड-चेन विकास केंद्र (NCCD), कृषि मंत्रालय — New Delhi (<https://nccd.gov.in/>)

PRIVATE INSTITUTES

- ICAR-CIPHET (केंद्रीय कटाई उपरांत अभियांत्रिकी एवं प्रौद्योगिकी संस्थान) — Ludhiana, Punjab
- लॉजिस्टिक्स सेक्टर स्किल काउंसिल (LSC) मान्यता प्राप्त कोर्स — All India (<https://education.lsc-india.com/>)

ONLINE

- स्किल इंडिया डिजिटल — Online (<https://www.skillindiadigital.gov.in/>)
- NSDC – Cold Chain Process Management Specialist जॉब रोल विवरण — Online (<https://nsdcindia.org/cold-chain-process-management-specialist>)

FEES

Most government training programs under NSDC/RSLDC/JSS (schemes like PMKVY) are free or very low-cost. Private/institute-based supply chain diploma courses can cost roughly ₹15,000 - ₹60,000.

SCHOLARSHIPS

- राष्ट्रीय छात्रवृत्ति पोर्टल (NSP) – ITI/वोकेशनल छात्रवृत्ति (<https://scholarships.gov.in/fresh/onlineInstituteSearchIndex>)
- Buddy4Study – ITI/व्यावसायिक प्रशिक्षण छात्रवृत्तियाँ (<https://www.buddy4study.com/article/iti-scholarships>)
- प्रधानमंत्री कौशल विकास योजना (PMKVY)

6 What the work is like

WHERE YOU WORK

Cold storage companies, warehouses, food processing and dairy industries, pharma/vaccine cold-chain networks, e-commerce logistics.

WORK CULTURE

Shift duty and overtime are common; expect 8-9 hours a day, 5-6 days a week. The sector also offers opportunities for persons with disabilities.

WHO HIRES

- Private cold storage and warehousing companies
- Dairy and food processing companies (e.g., Amul, Haldiram-type firms)
- Pharma/vaccine cold-chain networks and government health departments
- E-commerce and quick-commerce logistics companies (Blinkit, BigBasket-type)

- Agricultural produce market committees (mandis) and FPOs (farmer producer organisations)
- Third-party logistics (3PL) and reefer transport companies

DEMAND (2026)

Demand in India's cold chain sector is rising steadily due to efforts to cut fruit-vegetable wastage, expanding vaccination programs, and fast-growing online grocery delivery. Agriculture-heavy states like Rajasthan are increasing investment in cold-storage infrastructure, raising the need for trained specialists.

7 Career growth

- 1 Cold Chain Process Management Specialist
- 2 Senior Specialist/Supervisor
- 3 General Manager (Cold Chain Operations)

EARNINGS

Starting	₹18,000 - ₹25,000/माह
Mid level	₹25,000 - ₹40,000/माह
Senior level	₹47,000+/माह

Per government NCS and AmbitionBox data, a supply chain/cold chain specialist earns roughly ₹25,000 - ₹47,200/month, rising notably with experience and company size.

8 The good parts · The challenges**The good parts**

- Wide job options since agriculture, pharma, and e-commerce all need cold chain specialists.
- A clear career ladder up to General Manager level with experience.
- Socially meaningful work — reducing food wastage and keeping vaccines safe.

The challenges

- Shift duty and overtime are common, making work hours somewhat unpredictable.
- Long hours may be spent working in cold-temperature environments.
- Starting pay is modest; higher income requires experience and a senior role.

9 Real-life journeys

रविकांत साहू (Ravikant Sahu)

Vaccine and Cold Chain Manager, Balod, Chhattisgarh

Ravikant Sahu is a Vaccine and Cold Chain Manager in Balod district, Chhattisgarh. During the COVID-19 pandemic, he worked with the district vaccine store manager to ensure a systematic, safe supply of over 35,000 vaccine doses every month across 29 cold chain points, helping lifesaving vaccines reach people on time.

UNDP India · <https://www.undp.org/india/building-home-vaccines-chhattisgarh>

मानसुरी (Mansuri)

Pharmacist and Cold Chain Handler, Regional Vaccine Store, Gandhinagar, Gujarat

Mansuri works as a pharmacist and cold chain handler at the state-level Regional Vaccine Store in Gandhinagar, Gujarat. She verifies every incoming vaccine delivery's Vaccine Vial Monitor status and expiry, manages temperature-controlled storage, and maintains digital records via the eVIN system while preparing dispatches to districts across Gujarat — work she describes as making sure 'the supply chain never stops.'

UNICEF India · <https://www.unicef.org/india/stories/cold-chain-care-delivering-vaccines-safely-every-mother-and-child>

10 If this route does not work out

One exam or one attempt does not close the door. The same subjects also open these routes — entry is usually easier, and you can return to this field later.

- AC Technician
- Social Media Executive
- Community Journalist

11 Sources & further reading

1. Rajasthan Career Guidance Portal — Cold Chain Process Management Specialist — <https://cg.rajasthan.gov.in/careerguidance/h/career/%e0%a4%95%e0%a5%8b%e0%a4%b2%e0%a5%8d%e0%a4%a1-%e0%a4%9a%e0%a5%87%e0%a4%a8-%e0%a4%aa%e0%a5%8d%e0%a4%b0%e0%a5%8b%e0%a4%b8%e0%a5%87%e0%a4%b8-%e0%a4%ae%e0%a5%88%e0%a4%a8%e0%a5%87%e0%a4%9c%e0%a4%ae/>

2. NSDC – Job Role: Cold Chain Process Management Specialist — <https://nsdcindia.org/cold-chain-process-management-specialist>
3. Supply Chain Specialist Salary – AmbitionBox — <https://www.ambitionbox.com/profile/supply-chain-specialist-salary>
4. UNDP — Vaccine cold chain management in Chhattisgarh — <https://www.undp.org/india/building-home-vaccines-chhattisgarh>
5. UNICEF India — From Cold Chain to Care — <https://www.unicef.org/india/stories/cold-chain-care-delivering-vaccines-safely-ever-y-mother-and-child>

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