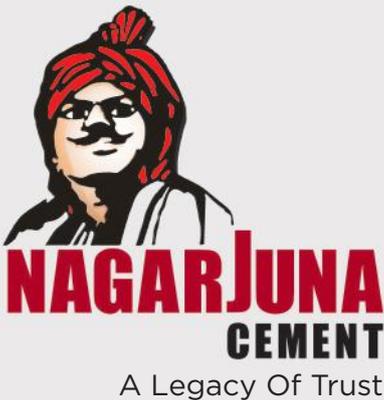




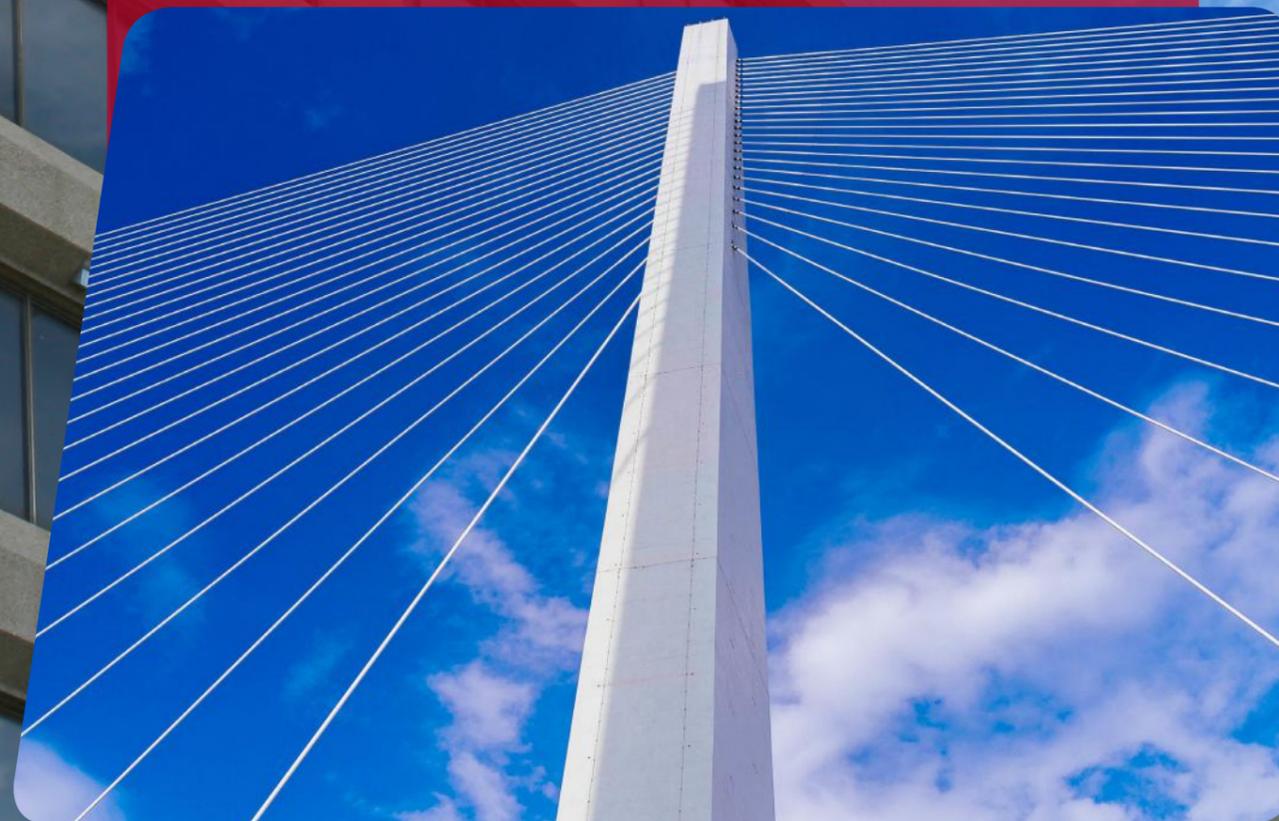
At the heart of construction innovations
since 3 decades



ENHANCING THE ENERGY EFFICIENCY OF BUILDINGS ACROSS INDIA

The flagship company of the renowned NCL Group, NCL Industries has developed a strong reputation for innovation and excellence since 3 decades. It is delivering a finer quality cement of the stature of Nagarjuna Cement, which is synonymous with unmatched strength. One of India's leading brands is enhancing the energy efficiency of buildings across the country - Kerala, Tamil Nadu, Karnataka, and Telangana & AndhraPradesh, where it has earned the sobriquet of 'Monagadu Cement'.

Owing to its excellent attributes, the brand has also won hearts in other prominent states in India, including Maharashtra, Orissa, West Bengal, Jharkhand, Assam and Chhatitsgarh. The diverse range of NCL Industries products is strengthened by unparalleled quality assurance. No wonder the company is setting new benchmarks in customer experience while cementing its position as the most trustworthy cement provider to the construction industry.



Cement Range

DISTINGUISHED CEMENT RANGE ON WHICH THE REGION'S ECONOMY IS BUILT



NCL Industries is reputed for the innovation, exceptional quality and range it brings to the cement industry. Each of its product is a testament to high strength, smooth finish and enhanced workability. It is little surprise that Nagarjuna Cement has seen an exponential growth in productivity and turnover that leads the company on a continuous evolution to meet market requirements and specifications.

Below are some of the most celebrated cement brands on which the region's economy is built.

NAGARJUNA ORDINARY PORTLAND CEMENT (OPC)

Highlights

Available in OPC 43 Grade & OPC 53 Grade

Cement is supplied in bags of 50 kgs

43 Grade is suitable for foundation concrete, slabs & columns of buildings, concrete works, underwater works, canal lining, and all concreting & plastering works in winter season

OPC 53 grade is a high strength cement used for high rise buildings, bridges, flyovers, chimneys, and pre-stressed concrete structures. This grade was introduced in India in 1987 by BIS and commercial production commenced from 1991



NAGARJUNA POZZOLONA PORTLAND CEMENT (PPC)

Highlights

Seventy percent of world's consumption of cement is PPC or blended cement

Gains strength year after year

Extreme plasticity and better workability

Lesser heat of hydration and free of thermal cracks

Resists chloride & sulphate effect. Hence, it is best suited for coastal areas

Prevents rusting of steel reinforcement

Smooth finish for wall plastering

Useful for general construction works and especially suitable for works in aggressive environmental conditions employed for water retaining structures, marine works, mass concreting such as dams, dykes, retaining walls foundations and sewage pipes

PPC can be used wherever OPC is usable under normal conditions including masonry mortars and plastering



NAGARJUNA SPECIAL GRADE 53-S CEMENT

Highlights

The only private company in Andhra Pradesh that manufactures special grade of 53-S cement

Zublin International GmbH of Germany has used thousands of tons of Nagarjuna 53-S cement for tunnel crossing work under the bed of Goutami river in the East Godavari district of Andhra Pradesh

53S Grade is ideal for Indian Railways which uses thousands of tons annually to manufacture railway concrete sleepers. NCL Industries is one of the few concerns in South India to supply this grade

Several agencies in Andhra Pradesh & Karnataka prefer Nagarjuna Special Grade 53-S Cement for construction of pre-stressed concrete works.



NAGARJUNA READY MIX CONCRETE

In order to deliver a superior customer experience as well as create and seize opportunities that add value to the offerings of the core business, Nagarjuna Cement has ventured into Ready Mix Concrete segment with great success. The two most modern RMC batching plants at Hyderabad and Visakhapatnam are meeting the requirements of its customers with ease.



Products Range

LIFESTYLE PRODUCTS THAT HAVE OFTEN BEEN INDIA/INDUSTRY FIRSTS



The offerings of NCL Industries and its group companies have often been India or industry firsts. In addition to quality cement range, the following are few of the premium but highly effective products that have gloriously differentiated as well as created a niche for themselves in their respective segments:



A cement bonded particle made of 62% cement and 28% wood, Bison Panel is strong and durable and hence is not affected by fire, weather, termites and so on. A proven product in developed nations worldwide, NCL Industries introduced it in India with technology imported from Bison Werke, Germany.

APPLICATIONS:

- Partitions
- Wall Claddings
- False Ceilings
- Flooring
- Door Panel
- Building Facades
- Kitchen Platform
- Cup Boards and other fixed furniture

Bison Panel is available in multiple appearances, including:



Prelaminated Bison Panels for interiors - to cater to the aesthetics of contemporary design trends.
Thickness: 6mm, 10mm, 12mm and 16mm
Shades: Natural Teak, Light Gray, Sea Beach and Ivory



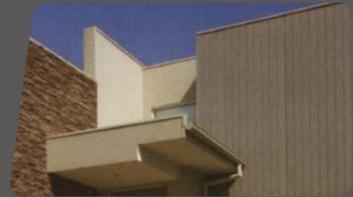
BISON DESIGNER BOARD

For helping customers discover new and amazing experiences in the construction of wall claddings and false ceilings.
Thickness: 6mm, 8mm, 10mm, 12mm and 16mm
Designs: Lumber and Murk



BISON PLANK

A perfect alternative for fascia sidings, exterior fencing, decking and wall claddings.
Plank size version: 8 feet length and 8 or 10 inches wide
Planks thickness: 8, 10 and 12 mm



NCL PREFAB HOUSES

Ideal for providing instant accommodation, NCL Prefab Houses also offer simplicity in construction, ease of transportation and remarkable speed of erection while requiring no high skills or machinery. NCL is able to undertake shelter design and erection for - School buildings, Store sheds, Farm houses, Site offices, Security cabins, Guest houses, Resorts, Garden shelters, Industrial sheds, Sheds for disaster management and so on.



ENERGY DIVISION

Established for setting up Mini Hydel Projects for generation of power from renewable sources of energy, NCL's Energy Division has established two hydel power projects - Srisaillam (Telangana) producing 7.5 MW and Tungabhadra dam (Karnataka) generating 8.25 MW.



NCL SECCOLOR PROFILES

Through machine produced profiles of intricate shapes, NCL Seccolor offers international quality windows, doors, partitions, glazings and more with technology from Industrie Secco S.P.A, Italy.



WINTech UPVC WINDOW & DOOR SYSTEMS

Soundproof, dustproof, weatherproof, energy efficient and eco-friendly, NCL, in technical collaboration with Adopin of Turkey, offers uPVC profiles for technologically superior window and door systems.



NCL ALLTEK

The first company in India to manufacture Putty (Textured Paints), NCL Alltek, in technical collaboration with International Coating Products (ICP), Sweden, manufactures Acrylic Spray Plasters, Acrylic Emulsion Paints, Dry Mix Cement Products and Alltek Speciality Products. The product range includes several grades covering over 300 shades for world class beautification of walls.



NCL HOMES LTD

Since its inception in 1998, NCL HOMES LTD has constructed nearly 6 lakhs square feet of residential space in the serene locations of Hyderabad, and is also expanding its activity to Tamil Nadu. The company believes in building comfortable homes that are in harmony with the environment and in tune with the aspirations of the customers.



Manufacturing Facilities & Quality Standards

TWO WORLD-CLASS FACILITIES CONSTITUTE THE PURPOSE BUILT MANUFACTURING SET UP



Cement Factory - Kondapalli



Cement Factory - Mattapally



Two world-class facilities dedicated to the production of high-quality cement form the purpose built manufacturing set up of Nagarjuna Cement. Strategically sited close to urban connectivity at Simhapuri (Nalgonda district) in Telangana and at Kondapalli (Krishna district) in Andhra Pradesh, the production infrastructure incorporates some of the latest processing equipment. The installed capacity stands at 6000 MT per day or 2 million MT per annum.

While quality management system of Nagarjuna Cement has been independently audited, accredited and certified to confirm to ISO 9001-2008, its products are proven to consistently meet a high standard of manufacturing quality. Available in 50 Kg HPDE bags, the cement lives up to relevant specifications of BIS quality - providing consumers with peace of mind in the cement along with greater confidence in the long-term strength of the product.

The Nagarjuna brand cement is also provided in paper bags for select markets at additional costs. Each bag carries statutory details such as BIS monogram, IS code number, license number of manufacturing unit, type & grade of cement, brand name, net weight and so on. For RMC plants and other such consumers with storage facilities for bulk cement, NCL Industries coordinates to load the cement into cement transport carriers that's arranged by the purchaser.

WHY NAGARJUNA CEMENT IS FOR YOU



At Nagarjuna Cement, customers are at the centre of everything we manufacture. The team always makes sure that all your requirements are met fully and within time frame. The state of the art infrastructure allows us to help you every step of the way.

Here are more reasons why Nagarjuna Cement is the cement for all your constructions:

Nagarjuna Cement is a quality offering from a well established industrial group with over three decades of proven performance	One of the largest dealers network (more than 1300 dealers) and the first company to establish a Cement Dealers Trust to look after the welfare of dealers and their families
It's a premium brand with proven quality and international standards	In-house wagon loading facility
Nagarjuna cement is BIS certified and its performance far exceeds established BIS standards	Given its performance parameters, once used, customers insist upon the brand
Apart from attaining ISO 9001 - 2008 certification, NCL Industries is also a member of the Indian Green Building Council (IGBC)	The only cement company in the private sector in Andhra Pradesh to manufacture special railway-grade (IRS Grade 53S) cement required for specialized works like railway sleepers and prestressed concrete works
Stringent quality control. NCL maintains fully equipped laboratories where the cement is tested monthly for specifications and for comparison with competitor brands. In addition, higher values of Lime Saturation Factor (LSF) ratios and lower values of free lime content is maintained in clinkers	Nagarjuna Cement is able to supply to multiple states beyond Andhra Pradesh and Telangana, including Kerala, Madhya Pradesh, Tamil Nadu, Karnataka, Orissa, Maharashtra, Assam, West Bengal, Jharkhand, Pondicherry and Chhattisgarh
Superior quality of limestone reserves	Nagarjuna Cement, known for its superior quality, is ideal for mission-critical applications such as the use of 53S Grade cement by Zublin International of Germany for the construction of an underwater pipe tunnel across the river Goutami
Superior customer service with immediate response to customer complaints	

HOW NAGARJUNA CEMENT GIVES YOU SOLID ADVANTAGE OVER OTHERS



Product Results with compressive strength of PPC, OPC 53 Grade and OPC 43 Grade

DISCRIPTION		43 GRADE IS 8112-1989		53 GRADE IS 12269-1987		53-S GRADE IS 12269-1987		P P C IS : 1489-1986	
		AS PER BIS	NCL RESULTS	AS PER BIS	NCL RESULTS	AS PER BIS	NCL RESULTS	AS PER BIS	NCL RESULTS
I. CHEMICAL REQUIREMENT :									
LOI	%	5 Max.	2.5 Max.	4 Max.	2 Max.	4 Max.	2 Max.	5 Max.	2 Max.
MgO	%	6 Max	1.95 Max.	6 Max	1.90 Max.	5 Max	1.90 Max.	6 Max	1.90 Max.
SO3	%	3 Max	2.0 Max.	3 Max	2.2 Max.	3 Max	2.2 Max.	3 Max	2.2 Max.
IR	%	3 Max	2.0 Max.	3 Max	0.6 Max.	4 Max	0.6 Max.	x+(4*(100-x))	21.0Max
Lime Saturation Factor		0.66 - 1.02	0.89 -0.93	0.8 - 1.02	0.9 - 0.94	0.8 - 1.02	0.91 - 0.94	0.66 - 1.02	0.9 - 0.96
Al2		0.66 Min.	1.2 Max.	0.66 Min.	1.24 Max.	0.66 Min.	1.24 Max.	0.66 Min.	1.24Max
Chlorides	%	0.1 Max.	0.03 Max.	0.1 Max.	0.025 Max.	0.1 Max.	0.025 Max.	0.05 Max.	0.025 Max.
II. PHYSICAL TESTS									
A. Fineness (Blaines)	cm2/gm	2250 Min.	2700 Min.	2250 Min.	2800 Min.	3700 Min.	4200 Min.	3000 Min.	3350 Min.
D. Setting Time :	Initial	30 min	120 Min.	30 Min	110 Min	60 min	100 Min	30 min	100 Min
	: Final	600 Max.	280 Max.	600 Max.	260 Max.	600 Max.	220 Max.	600 Max.	220 Max.
B. Soundness (By Lechatelier Expansion)	mm	10 Max.	2 Max.	10 Max.	2 Max.	5 Max.	1 Max.	10 Max.	1 Max.
C. Soundness (By Autoclave Test)	%	0,8 Max.	0,2 Max.	0,8 Max.	0,18 Max.	0,8 Max.	0,1 Max.	0,8 Max.	0,1 Max.
E. Compressive Strength									
3 Days	(Kgs / Cm ²)	230 Min	300 Min.	270 Min	320 Min.	-	380 Min.	160 Min	320 Min.
7 Days	(Kgs / Cm ²)	330 min.	380 Min.	370 min.	420 Min.	375 min.	460 Min.	220 min.	400 Min.
28 Days	(Kgs / Cm ²)	430 Min.	500 Min.	530 Min.	580 Min.		600 Min.	330 Min.	530 Min.

TAKING IMMENSE PRIDE IN SERVING CLIENTS ACROSS MULTIPLE INDUSTRIES

NCL Industries takes immense pride in being of service to its clients across multiple industries who have created landmark structures using Nagarjuna Cement. Some of the prominent clients include:

Reliance Energy

Lanco Infratech

IJM

Thermex

Essar

Nagarjuna Construction

IL&FS

KMC

Madhucon

Gayatri Projects

Simplex Infra

Visaka Industries

Soma Enterprises

Indu Projects

Ramky Infrastructure

Indian Railways

BRANCH OFFICES

Amalapuram

Sri Lakshmi Nilayam,
Ramalayam Back Side Street,
Vaddigudem Road, Amalapuram,
Andhra Pradesh - 533 201.
Mobile - 09390801204

Bangalore

10th Floor, Unity Buildings, J.C.Road,
Bangalore -560 002. Mobile - 09341003418

Bhubaneswar

Flat No. 3/B, Gitanjali Palace, 246, Bomikhal,
Cuttack- Puri Road, Bhubaneswar - 751010.
Mobile - 09390809944

Chennai

II Floor, Precision Plaza, 281, Anna Salai,
Teynampet, Chennai - 600 018.
Mobile - 09344230808

Cochin

422-MIG, 9th Cross Road,
Panampilly Nagar,
Cochin - 682 036
Cell: 09846822488

Vijayawada

D.No.13-14-4, Datti Simhadri Street, Labbipet,
Off. M.G.Road, Opposite The Gateway Hotel,
Vijayawada - 10. Mobile - 09390809944

Visakhapatnam

D.No.50-48-13, P&T Colony, Sitammadhara,
Visakhapatnam - 530 013
Mobile - 09390809944

Corporate Office:

NCL Industries Limited

4th Floor, Vaishnavi Cynosure, Near Gachibowli Flyover,
Gachibowli, Hyderabad, INDIA-500032.
T: +91-40-30120000, E: ncl@nclind.com



www.nclind.com