DIAMOND POWER INFRASTRUCTURE LIMITED
Corporate Office: A2- 12th Floor, "Palladium",
Near Orchid Wood, Opp. Divya Bhaskar,
Corporate Road, Makarba,
Ahmedabad, Gujarat, India-380 051
Website: www.dicabs.com

04-03-2025

Corporate Relations Department
BSE Limited
2nd Floor, P.J. Towers
Dalal Street,
Mumbai - 400 001
Scrip Code: 522163

Listing Department
National Stock Exchange of India Limited
Exchange Plaza, Plot No. C/1, G- Block,
Bandra Kurla Complex, Bandra (E),
Mumbai - 400 051
NSE: DIACABS

Sub: **Capacity Addition-Commencement of commercial production by DICABS NextGen Special Alloys Private Limited, Wholly Owned Subsidiary Company**

Ref.: **Disclosure pursuant to Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015**

Dear Sir/Madam,

Diamond Power Infrastructure Ltd is pleased to announce the commencement of commercial production of First Rod mill to manufacture Next Generation AL 59 Wire Rods at the Facility of DICABS NextGen Special Alloys Private Limited, Wholly Owned Subsidiary Company at Vadodara with a Capacity of Processing 80 Mt Per Day i.e. 2400 Mt per month.

DICABS NextGen Special Alloys Private Limited, Wholly Owned Subsidiary Company is setting up a Green Field project comprising of 3 rods mills with daily capacity of 250 Mt per day i.e. 7500 Mt per month at an estimated cost of Rs. 55 crores, the mills will produce next generation Aluminum Based alloys which are high efficiency conductors for Transmission of Power.

At Present, the Company operates its own mill with a capacity of 1200 Mt per month, with addition of this mill the company's conductor top line will increase substantially.

The current annual demand for AL 59 conductors in the country is approximately 1,000,000 MT. However, there are only five manufacturers with integrated rod mills, which are crucial for producing high-quality AL 59 conductors. These manufacturers have a combined capacity of 500,000 MT per year. DICABS NextGen Special Alloys Private Limited, proposes to produce 75,000 MT per annum to help meet the demand.

AL 59 conductors are considered superior to standard conductors in certain applications due to their unique properties. Specifically, **AL 59** refers to a type of **aluminium conductor** made from **Aluminium Alloy 1350** (often referred to as 1350-H19), with the "59" potentially indicating a specific strength or construction specification.

Here are several reasons why **AL 59** conductors can be superior to normal conductors, especially when compared to standard copper or pure aluminium conductors:

1. Strength and Durability:

- **AL 59** conductors are made from a high-strength aluminium alloy, which enhances their **tensile strength** and **mechanical properties**. This makes them more resilient to physical stress, environmental factors, and mechanical fatigue compared to regular **pure aluminium** conductors.

Regd. Office & Factory: Vadodara, Phase - II
Savli, Vadodara, Gujarat, India-391520
CIN: L31300GJ1992PLC018198
Email: cs@dicabs.com
Tel No.- 0266-251345/251516
Fax No.-02267-251202

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2. Corrosion Resistance:

- The aluminium alloy used in **AL 59** conductors offers **excellent corrosion resistance** in various environments, especially in industries like power transmission and distribution. This feature helps **AL 59** perform better than copper or standard aluminium conductors in outdoor or coastal conditions.

3. Weight Advantage:

- Like other aluminium conductors, **AL 59** is much lighter than copper. This **reduces the overall weight** of the conductor, which is especially beneficial for **overhead transmission lines** where weight can impact structure costs and stability.

4. Electrical Conductivity:

- While copper is more conductive than aluminium, **AL 59** has improved conductivity compared to pure aluminium, making it a good choice for long-distance power transmission, even though it may still be slightly less conductive than copper.

5. Cost-Effectiveness:

- Aluminium alloy conductors like **AL 59** are typically **more cost-effective** than copper conductors, making them a popular choice in many large-scale applications. The balance between strength, weight, and conductivity offers an economically efficient alternative for electrical distribution and transmission.

6. Flexibility for Installation:

- The enhanced **ductility** of **AL 59** means it can be easier to handle and install compared to standard copper conductors. It can withstand bending without breaking, and it is less likely to be damaged during installation.

7. Applications in Power Transmission:

- **AL 59** conductors are often used in **high-voltage power lines**, **telecommunication lines**, and other applications where a strong, durable, and lightweight conductor is needed. The **strength-to-weight ratio** makes **AL 59** ideal for long-distance transmission lines that require high mechanical strength but low weight.

Overall, **AL 59** conductors offer a good balance of performance characteristics (strength, weight, durability, and cost), making them superior in many power distribution and transmission contexts compared to standard **copper** or **pure aluminium** conductors.

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Further the details as required under SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015 and SEBI/HO/CFD/CFD-PoD-1/P/CIR/2023/123 dated July 13, 2023 read with SEBI Master Circular No. SEBI/HO/CFD/PoD2/CIR/P/2023/120 dated July 11, 2023 and SEBI Master Circular No. SEBI/HO/CFD/PoD2/CIR/P/0155 dated November 11, 2024 is enclosed as **Annexure A.**

We request you to take this information on record.

Thanking you,

Yours sincerely,
For Diamond Power Infrastructure Limited

Diksha Sharma
Digitally signed by Diksha Sharma
Date: 2025.03.04 12:30:06 +05'30'

Diksha Sharma
Company Secretary

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Annexure-A

SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015 and SEBI/HO/CFD/CFD-PoD-1/P/CIR/2023/123 dated July 13, 2023 read with SEBI Master Circular No. SEBI/HO/CFD/PoD2/CIR/P/2023/120 dated July 11, 2023 and SEBI Master Circular No. SEBI/HO/CFD/PoD2/CIR/P/0155 dated November 11, 2024

CAPACITY ADDITION-COMMENCEMENT OF COMMERCIAL PRODUCTION BY DICABS NEXTGEN SPECIAL ALLOYS PRIVATE LIMITED, WHOLLY OWNED SUBSIDIARY COMPANY

Sl. No.	Particulars in respect of the event	Details/Information of the event
1.	existing capacity	0
2.	existing capacity utilization	0
3.	proposed capacity addition	2400 Mt per Month
4.	period within which the proposed capacity is to be added	04.03.2025
5.	investment required	Rs. 20 cr
6.	Mode of financing	Internal Funds
7.	Rationale	To add Capacity of value-added Products

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