

मासिक सार
MONTHLY SUMMARY
ON
अलौह खनिज एवं धातु
NON-FERROUS MINERALS & METALS
अक्टूबर 2020
OCTOBER, 2020

भारत सरकार / GOVERNMENT OF INDIA
खान मंत्रालय / MINISTRY OF MINES

1. Aluminium:

1.1 Global Scenario:

The world production of Aluminium Metal in Q3 2020 was about 16.23 million tonnes against world consumption of 15.62 million tonnes, resulting in a market surplus of 0.61 million tonnes. It is estimated that in Q4 2020, world consumption of Aluminium Metal would be 15.91 million tonnes against world production of around 16.23 million tonnes, implying a further surplus of 0.32 million tonnes.

Price Outlook:

- The average London Metal Exchange (LME) Cash for October 2020 was US \$1802.82/tonne as against US \$1745.34/tonne in September 2020 thereby registering an increase of 3.29 %. The 3 Months price for October 2020 was US \$1819.84/tonne as against US \$1783.32/tonne of September 2020 thereby registering an increase of 2.04%.

1.2 Domestic Scenario:

Production of aluminium metal in the public sector unit i.e. National Aluminium company Limited (NALCO) and private sector units, namely, Bharat Aluminium Company Limited (BALCO), Hindustan Aluminium Company Ltd. (HINDALCO), and Vedanta Limited in the country, during the month of **October, 2020**, was as follows:

Company	Existing capacity	October, 2020 Production		Cumulative Production 2020 (up to October, 2020)		Actual Cumulative Production up to October, 2019
		Target	Actual	Target	Actual	
		(Unit: Metric Tonne)				
NALCO	4,60,000	35,700	32,635	2,33,800	2,36,779	2,53,603
BALCO	5,70,000	49,231	49,183	3,28,753	3,28,799	3,25,422
HINDALCO	13,46,000	1,06,766	1,04,889	7,44,068	7,02,967	7,67,941
VEDANTA LTD.	17,50,000	1,12,510	1,11,969	7,70,946	7,74,390	7,86,243
Total	41,26,000	3,04,207	2,98,676	20,77,567	20,42,935	21,33,209

NALCO produced 32635 Metric Tonne of Aluminium and sold 93994 Metric Tonne of Aluminium / Hydrate metal in **October, 2020**.

2. Copper

2.1 Copper Ores:

2.1.1 Domestic Scenario:

HCL is the only domestic producer of Copper Ore. The production of Copper Ore during

October, 2020 is 2.97 lakh tonnes. Production during the corresponding period in the previous year was 3.35 lakh tonnes.

2.2 Copper Metal

2.2.1 Domestic Scenario:

The size of Indian copper industry (consumption of refined copper per annum) is around 6.6 lakh tonnes, which as percentage of world copper market is only three percent. Sterlite Industries, Hindalco Industries and Hindustan Copper Ltd. are major producers of refined copper in India. Production in India has declined significantly due to the permanent closure order issued to Vedanta's smelter/ refinery plant by Government of Tamil Nadu in May, 2018.

The production of copper metal (cathode) by HCL during October, 2020 is 'Nil'. HCL is selling Metal-in-Concentrate (MIC) in the market directly. The production of refined Copper (cathode) by HCL during the corresponding period in the previous year was 23 tonnes. The MIC production of HCL during October, 2020 was 2149 tonnes and it was 2338 tonnes during the corresponding period in the previous year.

As of the end of September, copper stocks held at the major metal exchanges (LME, COMEX, SHFE) totalled 406021 tonnes, an increase of 103634 tonnes from stocks held at the end of December 2019. Stocks were up at the LME, COMEX and SHFE.

Factors influencing Copper Markets:

- Copper prices in India are fixed on the basis of the rates that rule on LME and Rupee & US Dollar exchange rate.
- Economic growth of the major consuming countries such as China, USA, Japan, Germany, India etc.
- Growth and development in the Infrastructure, Real-estate, Telecom and Electrical Industry, Renewable Energy and Electrical Vehicle Sector.
- Surplus/ Deficit in copper market

Price Outlook:

- The average LME price in October, 2020 was US \$6702.77 per tonne compared to average LME of US \$6712 per tonne in September, 2020. The average LME price during the year 2019-20 was US \$5859.54 per tonne.

Overall Performance of Hindustan Copper Limited:

During the month of October, 2020 production of Metal-in-Concentrate, Cathode and CC Wire Rod was 76%, 0% and 0% of the targets respectively. The sale of copper (cathode, cc wire rod and MIC) during the month of October, 2020 was 24% of the target.

Physical Performance of Hindustan Copper Limited

(Unit: Metric Tonne)

Items	Existing capacity	October, 2020 Production		Cumulative Production 2020 (up to October, 2020)		Actual Cumulative Production up to October, 2019
		Target	Actual	Target	Actual	
Copper Cathode	68,500*	1,208	0**	8,458	0	4,015
CC Copper Wire Rods	60,000	1,123	0	7,863	949	4,832

Note: * Installed capacity has been declared on the basis of revised installed capacity of HCL (GCP unit: 50000 tonne p.a., ICC unit: 18500 tonne p.a., and KCC unit: Nil)

** Metal-in-Concentrate (MIC) produced from ore in HCL is partially converted into refined copper & balance is directly sold in the market.

The production of copper cathode in the organized sector by the public sector unit viz. Hindustan Copper Ltd. (HCL), and private sector units viz. Hindalco Industries Ltd. (HINDALCO, Unit Birla Copper) and Sesa Sterlite Ltd. (SSL) in the country, during the month of **October, 2020** was as follows:

(Unit: Metric Tonne)

Company	Existing capacity	October, 2020 Production		Cumulative Production 2020 (up to October, 2020)		Actual Cumulative Production up to October, 2019
		Target	Actual	Target	Actual	
HCL	68,500*	1,208	0***	8458	0	4,015
HINDALCO	5,00,000	**	17,560	**	1,31,864	1,89,619
SSL	4,50,000	15,201	12,229	87,405	53,396	35,448
Total	10,18,500	16,409	29,789	95,863	1,85,260	2,29,082

Note:

* Installed capacity has been declared on the basis of revised installed capacity at HCL (GCP unit: 50000 tonnes p.a.; ICC unit: 18500 tonnes p.a.; and KCC unit is NIL)

** Depends upon various economic factors

*** Metal-in-Concentrate (MIC) produced from ore in HCL is partially converted into refined copper & balance is directly sold in the market.

3. Zinc

Domestic Scenario

In India, the main producers of Zinc are Hindustan Zinc Limited (HZL) (Government of India holds 29.54% of equity share).

Production details of above company are as below:

Company	Existing capacity	(Unit: Metric Tonne)				
		October, 2020 Production		Cumulative Production 2020 (up to October, 2020)		Actual Cumulative Production up to October, 2019
		Target	Actual	Target	Actual	
HZL	8,43,000	78,059	62,796	4,81,120	4,00,545	3,95,658

4. Lead

The production details of Hindustan Zinc Limited (HZL) is given below:

Company	Existing capacity	(Unit: Metric Tonne)				
		October, 2020 Production		Cumulative Production 2020 (up to October, 2020)		Actual Cumulative Production up to October, 2019
		Target	Actual	Target	Actual	
HZL	2,01,000	14,523	17,181	1,15,599	1,18,140	1,03,524

5. Silver

The production details of Hindustan Zinc Limited (HZL) is given below:

Company	Existing capacity	(Unit: Kg)				
		October, 2020 Production		Cumulative Production 2020 (up to October, 2020)		Actual Cumulative Production up to October, 2019
		Target	Actual	Target	Actual	
HZL	9,66,000	49,852	60,738	4,39,328	3,81,060	3,37,493

6. Gold

The total production details of gold produced by Hutti Gold Mines Limited (HGML) and HINDALCO during the month of **October**, 2020 are given below:

Name of the Company	(Unit: Kg)
	Production in October, 2020
Hutti Gold Mines of HGML	57.843
UTI Gold Mine of HGML	4.406
Hira-Buddinni Gold Mine of HGML	7.513
HINDALCO	550
Total	619.762

7. Survey, Exploration & Production of Minerals:

In the Ministry of Mines, GSI and MECL carry out regional exploration and detailed exploration respectively:-

7.1 Geological Survey of India:

Minerals Investigation: During the month of **October, 2020**, **375 sq. km** of Large Scale Mapping (LSM), **2.25 sq. km** of Detailed Mapping (DM) and **12,348.3 m** of Drilling (including spill over) were carried out against monthly pro-rata targets of (*) **750 sq. km.**, **13.05 sq. km.** and **12,000 m** respectively.

(*) Target based on outcome budget of 2020-21

7.2 Mineral Exploration Corporation Limited

During **October, 2020** MECL achieved **50,781 Meter** of drilling against the target of **52,000 Meter**.

7.3 Production of Minerals

Estimated value of Mineral production covering metallic-ferrous and industrial minerals, but excluding fuel minerals, minor minerals and atomic minerals, in **October, 2020**, is **Rs.5,208** crore as against **Rs.5,537** crore for **October, 2019**.

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