



सत्यमेव जयते

मासिक सार  
MONTHLY SUMMARY  
ON

अलौह खनिज एवं धातु  
NON-FERROUS MINERALS & METALS

जुलाई - 2018  
JULY - 2018

## 1 Aluminium:

### 1.1 Global Scenario:

During the Quarter 2<sup>nd</sup> of 2018, the world consumption of Aluminium Metal was about 17.44 million tonnes against world production of 16.02 million tonnes, keeping the market in deficit. The world production of Aluminium Metal in 2018 upto Quarter 3 is forecast to be 48.09 million tons as against the consumption of 49.7 million tonnes pushing the market into a deficit of 1.61 million tonnes.

### 1.2 Domestic Scenario:

Production of aluminium metal in the public sector unit i.e. National Aluminium Company Ltd. (NALCO) and private sector units, namely, Bharat Aluminium Company Limited (BALCO), Hindustan Aluminium Company Ltd. (HINDALCO), and SESA Sterlite Limited in the country, during the month of **July, 2018** was as follows:

(Unit: MT)

Name of the Company	Existing Capacity	July, 2018		Cumulative Production Target	Cumulative Production	
		Production Target	Production Actual		July, 2018	July, 2017 (for 2017-18)
NALCO	4,60,000	33,100	37,316	1,30,600	1,46,918	1,35,469
BALCO	5,70,000	48,598	48,542	1,91,170	1,90,978	1,89,274.06
HINDALCO	4,10,000	34,780	34,747	1,36,874	1,35,150	1,35,583
VEDANTA Ltd.*	5,00,000	46,041	45,702	1,80,490	1,81,569	1,21,443
<b>Total:</b>	<b>19,40,000</b>	<b>1,62,519</b>	<b>1,66,307</b>	<b>6,39,134</b>	<b>6,54,615</b>	<b>5,81,769.06</b>

National Aluminium Company Limited (NALCO) sold 28,328 MT of Aluminium during **July, 2018**.

\* VEDANTA has not declared commercial production from plant -2, which is currently on trial run; hence data of plant 2 has not been given.

## **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 July, 2018 is 3.34 lakh tonnes. Production of copper ore during the corresponding period in the previous year was 2.60 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 are major producers of refined copper in India. Production in India has declined significantly due to the permanent closure order issued to Vedanta Smelter/ refinery plant by Tamilnadu government in May, 2018.

The production of copper metal (cathode) by HCL during July, 2018 is 405 tonnes. The production of copper metal (cathode) by HCL during the corresponding period in the previous year was 2,313 tonnes.

At the end of June, copper stocks held at the major metal exchanges (LME, COMEX, SHFE) totaled 7,56,742 tonnes, an increase of 2,14,213 tonnes (39%) from stocks held at the end of December, 2017. Stocks were up at the LME, SHFE and COMEX.

#### **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.

#### **Price Outlook:**

- The average LME price in July, 2018 was US\$ 6,248 per MT compared to average LME of US\$ 6,955 per MT in June, 2018. The average LME price during the year 2017- 18 was US\$ 6,444 per MT.

## Overall Performance of Hindustan Copper Limited:

During the month of July, 2018 production of Metal-in-concentrate, Cathode and CC Wire Rod was 102%, 17% and 4% of the targets respectively. The sale of copper (cathode, cc wire rod and MIC) during the month of July, 2018 was 11% of the target. During the month cathode production is low due to major shutdown of ICC smelter. CC wire rod production is low due to shortage of cathode.

### Physical Performance of Hindustan Copper Limited

	Installed Capacity	Target of Year	Target in July, 2018	Actual in July, 2018	Cumulative target upto the July, 2018	Actual upto the July, 2018	Cumulative in previous year upto July, 2017
<b>PHYSICAL PERFORMANCE</b>							
Copper Cathodes (MT)	49,500	28,000	2,333	405	9,333	2,565	8,648
CC Copper Wire Rods (MT)	60,000	23,964	1,997	88	7,988	5,527	6,360

The production of copper cathode in the organized sector by the public sector unit, Hindustan Copper Ltd. (HCL), and private sector units, Hindalco Industries Ltd. (HINDALCO, Unit: Birla Copper) and Sterlite Industries (India) Ltd. (SIL) in the country, during the month of **July, 2018** was as follows:

Name of the Company	Installed Capacity (Annual)	July, 2018		Cumulative Production Target	Cumulative Production		(Unit: MT)
		Production Target	Production Actual		July, 2018	July, 2018	
HCL	49,500	2,333	405	9,333	2,565	8,648	
HINDALCO	5,00,000	**	16,059	**	98,468	1,41,104	
SIL	4,50,000	31,901	3,700	1,27,362	28,206	1,24,481	
<b>Total:</b>	<b>9,99,500</b>		<b>20,164</b>		<b>1,29,239</b>	<b>2,74,233</b>	

\*\* Not specified, depends upon various economic factors

### 3. Zinc

#### Domestic Scenario:

In India, the main producers of Zinc are Hindustan Zinc Limited (HZL) (Govt. of India holds 29.54% of equity share) and Edayar Zinc Ltd. (erstwhile Binani Zinc Limited (BZL).

Production details of above companies are as below:

Company	Existing capacity	July, 2018		Cumulative Production 2018		(Unit-MT) Cumulative Production 2017
				Target	Actual	
		Production Target	Actual Production	July, 2018	July, 2018	Upto July, 2017
HZL	8,43,000	66,612	45,850	2,75,765	2,17,412	2,57,796
Edayar Zinc Ltd.	38,000	-	-	-	-	-
<b>TOTAL</b>	<b>8,61,000</b>	<b>66,612</b>	<b>45,850</b>	<b>2,75,765</b>	<b>2,17,412</b>	<b>2,57,796</b>

### 4. Lead

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

Company	Existing capacity	July, 2018		Cumulative Production 2018		(Unit-MT) Cumulative Production 2017
				Target	Actual	
		Production Target	Actual Production	July, 2018	July, 2018	Upto July, 2017
HZL	2,01,000	17,525	12,223	70,814	54,178	48,037

### 5. Gold

The total production details of gold produced by Hutti Gold Mines Limited (HGML) and HINDALCO during the month of **July, 2018** are given below:

Name of the Company	July, 2018		(Unit: MT)
	Production		
HGML		0.113	
HINDALCO		0.660	
		(As by product)	
<b>Total:</b>		<b>0.773</b>	

## **6. Survey, Exploration & Production of Minerals:**

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

### **6.1 Geological Survey of India:**

**(a) Mineral Investigation:** During the month of **July, 2018**, **71.55** sq km large scale mapping, **7.34** sq km detailed mapping and **6,240.45 m** of drilling were carried out against monthly targets of **0** sq km, **0** sq km and **9,600 m** respectively.

### **6.2 Mineral Exploration Corporation Limited**

During **July, 2018** MECL achieved **43,072** Meter of drilling against a target of **43,500** Meter.

## **7. Production of Minerals**

Estimated value of Mineral production covering metallic-ferrous and industrial minerals, but excluding fuel minerals, minor minerals and atomic minerals, in **July, 2018** is Rs. **5,194** crore as against Rs. **3,851** crore for **July, 2017**.



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