



भारतसरकार (GOVERNMENT OF INDIA)
रेलमंत्रालय (MINISTRY OF RAILWAYS)
रेलवेबोर्ड (RAILWAY BOARD)



रेल भवन, राफी मार्ग, नई दिल्ली - 110 001, तारीख 09.05.2023
Rail Bhawan, Rafi Marg, New Delhi-110 001, dated 09.05.2023

No. 2016/RSF/962/1/SAIL/Prices

The General Manager (Marketing),
M/s Steel Authority of India Ltd.,
Central Marketing Organisation,
Ispat Bhavan,
40-Jawahar Lal Nehru Marg,
Kolkata – 700 071.

Sub: Revision of Prices of Wheels & Axles supplied from M/s SAIL/DSP for the year 2023-24.

The prices of WTA items supplied by M/s SAIL/DSP to Indian Railways are calculated as per mutually agreed formula. The formula is based on the variation in Wholesale Price Indices (WPI) of major inputs that go into production of steel for wheels /axles at SAIL's Durgapur Steel Plant (DSP).

2.0 The revised formula from 2012-13 onwards as also accepted by M/s SAIL/DSP as follows:

$$PRN=0.5 (PRN_1 + PRN_2)$$

$$PRN_1 = PRO \left(0.25 \times \frac{C_1}{C_0} + 0.14 \times \frac{P_1}{P_0} + 0.24 \times \frac{M_1}{M_0} + 0.17 \times \frac{L_1}{L_0} + 0.20 \right)$$

$$PRN_2 = PRO \left(0.8 \times \frac{B_1}{B_0} + 0.20 \right)$$

$$P1WSA = POWSA \left(0.5 \frac{P_1}{P_0} + 0.5 \frac{L_1}{L_0} \right)$$

$$P1JP = POJP \left(0.7 \frac{P_{c1}}{P_{c0}} + 0.3 \frac{L_1}{L_0} \right)$$

PRN = New Price.

PRO = Old Price.

C₁ = New Price Index for Coal.

C₀ = Old Price Index for Coal.

P₁ = New Price Index for power.

P₀ = Old Price Index for power.

M₁ = New Price Index for metal (metallic minerals).

M₀ = Old Price Index for metal (metallic minerals).

L₁ = New Price Index for labour.

L₀ = Old Price Index for labour.

B₁ = New Price Index for MS Blooms and MS Pencil Ingots.

B₀ = Old Price Index for MS Blooms and MS Pencil Ingots.

P1WSA = New Wheelsets assembly charges.

POWSA = Old Wheelsets assembly charges.

P1JP = New Journal Packing charges for wheelsets.

POJP = Old Journal Packing charges for wheelsets.

Pc1 = New Price Index for plastic.

Pc0 = Old Price Index for plastic

3.0 For updating the prices of WTA items, the average WPI of inputs for 12 months of coking coal, Metallic minerals, MS Blooms, MS Pencil Ingots, Plastic, Power i.e. Industrial Electricity published the office of Economic Adviser which are now available for 2011-12 series and Labour index published by the Ministry of Labour which is available as per base year 2016=100 are used.

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4.0 The average WPI of the inputs for 12 months from January'2022 to December'2022 vis-à-vis the average WPI of the inputs for 12 months from January'2021 to December'2021 as based on 2011-12 series are indicated below:-

Indices	Average from Jan-Dec 2021	Average from Jan-Dec 2022
Coking coal(C)	142.6	143.4
Power(P)	113.7	137.6
Met. Indices(M)	181.3	198.2
Labour(L) With base year 2016=100	351.4	372.13
Plastic(Pc)	134.8	142.5
MS Blooms & MS Pencil Ingots (B)	129.9	149

C1	C0	P1	P0	M1	M0	L1	L0	B1	B0	Pc1	Pc0
143.4	142.6	137.6	113.7	198.2	181.3	372.13	351.4	149	129.9	142.5	134.8

B1 and B0 are average of WPI for MS Blooms and MS Pencil Ingots for the corresponding year.

5.0 The revision of prices for 2023-24 as per the revised formula has been worked out as under:-

S.No.	Item	PRO (Price for FY 2022-23)	PRN1	PRN2	PRN(Price for FY 2023-24)
1.	BG Coaching Wheel (16T)	67680	71959	75641	73800
2.	BG Coaching Wheel (16T) (SF type with OD 915 + 3mm/-0mm)	64971	69079	72613	70846
3.	BG Coaching Axle (16T)	72388	76965	80902	78934
4.	BG Loco Wheel	100270	106610	112064	109337
5.	MG Loco Wheel	68011	72311	76011	74161
6.	BG Coaching Wheel set (16T)	200996	213705	224638	219172
7.	BG Coaching Axles Forged	70912	75396	79253	77324
8.	EMU Wheel	72661	77255	81208	79231
9.	WAG-9 Loco Wheel	115942	123273	129580	126426
10.	WAP-5 Loco Wheel	119736	127307	133820	130563
11.	NG Coaching Wheels	54989	58466	61457	59961
		P0WSA			P1WSA
12.	Wheelset assembly charges	1807			2050
		P0JP			P1JP
13.	Journal Packing charges	741			783

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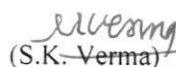
6.0 Thus price applicable for the year 2023-24 will be as under:-

S.No.	Item	PRO (Price for FY 2022-23)	PRN (Price for FY 2023-24)
1.	BG Coaching Wheel (16T)	67680	73800
2.	BG Coaching Wheel (16T) (SF type with OD 915 + 3mm/-0mm	64971	70846
3.	BG Coaching Axle (16T)	72388	78934
4.	BG Loco Wheel	100270	109337
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12.	Wheelset assembly charges	1807	2050
13.	Journal Packing charges	741	783

The following would be applicable in addition to the above.

- GST as applicable.
- Actual Railway freight would be reimbursed if the material is dispatched by Rail. In case the material is dispatched by road the freight charges would be road freight or calculated Railway freight, whichever is lower.

Please acknowledge receipt.


(S.K. Verma)
Director, Railway Stores (M) 9/5/23
M.No.8595526727

No. 2016/RSF/962/1/SAIL/Prices

New Delhi, dated 09.05.2023

Copy for information and necessary action to:

- PFAs, All Indian Railways and Production Units.
- Additional Comptroller and Auditor General of India (Railways) Room No.222, Rail Bhavan, New Delhi.
- Chief Auditors, All Indian Railways and Production Units.



For Member Finance/ Railway Board

No. 2016/RSF/962/1/SAIL/Prices

New Delhi, dated 09.05.2023

Copy for information and necessary action to:

- PCMMs, All Indian Railways and Production Units.
- MD, Durgapur Steel Plant, Durgapur, West Bengal.
- Dr Anindya Chakladar, GM/Quality, SAIL, Comm. Dte., SCOPE MINAR (17th Floor), Laxmi Nagar Distt. Centre, Delhi-110092.
- DDF(S)-I and F(S)-I Branch, Railway Board, Rail Bhawan, New Delhi.


(Biswajit Saha)
Section Officer, Railway Stores (F)