

Hindustan Zinc

NEUTRAL

METALS INDUSTRY CMP (as on 23 Oct 2017) Rs 319 **Target Price** Rs 340 Nifty 10,185 32,507 Sensex **KEY STOCK DATA** Bloomberg HZ IN No. of Shares (mn) 4,225 MCap (Rs bn) / (\$ mn) 1,346 /20,702 6m avg traded value (Rs mn) 621

STOCK PERFORMANCE (%)

| 52 Week high / I | Rs 331 / 202 | | | |
|------------------|--------------|------|------|--|
| | 3M | 6M | 12M | |
| Absolute (%) | 13.5 | 16.8 | 39.3 | |
| Relative (%) | 11.6 | 6.3 | 23.7 | |

SHAREHOLDING PATTERN (%)

| Promoters | 64.92 |
|-----------------|-------|
| FIs & Local MFs | 1.69 |
| FPIs | 2.17 |
| Public & Others | 31.22 |
| Source : BSE | |

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Strong delivery continues

Hindustan Zinc Ltd's (HZL) numbers came in marginally lower than estimates (EBITDA: Rs 30.2bn, 45.6/26.8% YoY/QoQ, est Rs 31.1bn). The improvement in EBITDA is driven by higher zinc prices (31.4/14.1% YoY/QoQ), partially offset by higher Zn cost of production (USD984/t, 21.6/1.1% YoY/QoQ). Silver (146T, 35.2/27.0% YoY/QoQ) also contributed significantly to the jump (18% of PBIT in 2QFY18).

The commentary on Zn supply and demand remains bullish (deficits higher by 30% YoY in Jan-Aug 2017). However, input costs are now hardening, led by international coal prices. Domestic availability is also a major issue in the near term, with CIL diverting its despatches to restock power plants. While HZL is firmly on the path of adding ~20% mined metal output by FY20, delivery will be back ended. While our thesis, outlined in our recent report (dated Sep-04) remains intact, there are few near-term triggers. The stock, after a recent run-up, is fairly priced in our

view (FY18/19 EV/ EBITDA of 10.1/8.6. Downgrade to NEU with an unchanged TP of Rs 340 (8x Sep-2019 EV/EBITDA).

Highlights of the quarter

- HZL booked 200kT zinc and 30kT lead for forward sales at USD3,084/2,418 (LME prices) respectively, for the period spanning Jan-Jun 2018. This is a first, as HZL has not taken hedges on LME zinc. Hedging is driven by volatility in LME prices, as per the company. The retrospective application of DMF (Jan-Sep-15) was struck down by SC, and HZL took a write-back of Rs 2.91bn to reverse the provision
- Near-term outlook: Zn prices continue to remain strong, but near-term margins may be under pressure, given the weak availability of domestic coal and higher international coal prices. We have tweaked our estimates marginally downwards to adjust for the higher employee cost run-rate.

Financial Summary

| (Rs mn) | 2QFY18 | 2QFY17 | YoY (%) | 1QFY18 | QoQ (%) | FY16 | FY17 | FY18E | FY19E | FY20E |
|------------------|--------|--------|---------|--------|---------|---------|---------|---------|---------|---------|
| Net Sales | 53,090 | 35,257 | 50.6 | 45,760 | 16.0 | 138,535 | 170,460 | 197,506 | 218,442 | 248,328 |
| EBITDA | 30,240 | 20,767 | 45.6 | 23,840 | 26.8 | 66,406 | 97,391 | 108,941 | 122,328 | 142,280 |
| PAT | 22,540 | 19,019 | 18.5 | 18,760 | 20.1 | 81,967 | 83,162 | 87,503 | 100,099 | 104,543 |
| Diluted EPS (Rs) | 5.33 | 4.50 | 18.5 | 4.44 | 20.1 | 19.3 | 19.7 | 20.7 | 23.7 | 24.7 |
| P/E (x) | | | | | | 16.5 | 16.2 | 15.4 | 13.4 | 12.9 |
| EV / EBITDA (x) | | | | | | 16.1 | 11.9 | 10.1 | 8.6 | 7.0 |
| RoE (%) | | | | | | 19.9 | 24.4 | 25.9 | 25.1 | 22.5 |



EBITDA margin improvement led by higher zinc prices (31.4/14.1% YoY/QoQ), partially offset by higher Zn cost of production (USD 984/t, 21.6/1.1% YoY/QoQ).

Quarterly Financials Snapshot

| (Rs mn) | 2QFY18 | 2QFY17 | YoY (%) | 1QFY18 | QoQ (%) |
|------------------------|---------|--------|---------|--------|---------|
| Income from operations | 53,090 | 35,257 | 50.6 | 45,760 | 16.0 |
| Power & fuel | 3,950 | 1,222 | | 3,870 | |
| Royalty | 5,670 | 4,429 | | 5,490 | |
| Other expenses | 13,230 | 1,055 | | 12,560 | |
| Total expenses | 22,850 | 14,491 | | 21,920 | |
| EBITDA | 30,240 | 20,767 | 45.6 | 23,840 | 26.8 |
| Depreciation | 3,940 | 4,317 | | 3,600 | |
| Other income | 4,870 | 7,702 | (36.8) | 5,300 | (8.1) |
| Interest expense | 840 | 712 | | 1,370 | |
| PBT | 30,330 | 23,440 | 29.4 | 24,170 | 25.5 |
| Tax | 7,790 | 4,421 | | 5,410 | |
| APAT | 22,540 | 19,019 | 18.5 | 18,760 | 20.1 |
| E/o (post tax | (2,910) | 0 | | 0 | |
| RPAT | 25,450 | 19,019 | | 18,760 | |

Source: Company, HDFC sec Inst Research

Note: E/O item on account of writeback of provision for DMF from January to September 2015

Operational Data

| Operational data (kT) | 2QFY18 | 2QFY17 | YoY (%) | 1QFY18 | QoQ (%) |
|--|--------|--------|---------|--------|---------|
| Mined metal | 210 | 192 | 9.4 | 233 | (9.9) |
| Refined Zinc (Total) | 193 | 149 | 29.5 | 194 | (0.5) |
| Refined Lead (Total) | 45 | 32 | 40.6 | 35 | 28.6 |
| Refined Silver (Total, tonnes) | 146 | 108 | 35.2 | 115 | 27.0 |
| | | | | | |
| Pricing (LME) | | | | | |
| Zn | 2,963 | 2,255 | 31.4 | 2,596 | 14.1 |
| Pb | 2,334 | 1,873 | 24.6 | 2,161 | 8.0 |
| Silver | 16.8 | 19.6 | (14.3) | 17.2 | (2.3) |
| | | | | | |
| Zinc Cost of production (US\$/t) | 984 | 809 | 21.6 | 973 | 1.1 |
| Source: Company HDFC see Inst Desearch | | | | | |



Valuation Matrix

| Company | MCap | EV | Rating (Rs) | | EV/EBITDA (x) | | P/E (x) | | EBITDA margin (%) | |
|----------------|---------------------|--------|-------------|-------|---------------|-------|---------|-------|----------------------|------|
| | (US\$ mn) (US\$ mn) | (KS) | FY18E | FY19E | FY18E | FY19E | FY18E | FY19E | | |
| Hindustan Zinc | 20,702 | 16,831 | NEU | 340 | 10.1 | 8.6 | 15.4 | 13.4 | 56.0 | 57.3 |
| Teck Resources | 13,139 | 17,640 | NR | NM | 3.9 | 4.9 | 6.5 | 9.0 | 28.1 | 30.3 |
| Korea Zinc | 8,783 | 6,363 | NR | NM | 6.6 | 6.1 | 13.8 | 12.2 | 18.4 | 18.7 |
| Nyrstar NV | 706 | 1,865 | NR | NM | 6.3 | 4.5 | N/A | N/A | 10.1 | 11.3 |

Source: Company, HDFC sec Inst Research; Bloomberg

Note: Prices as of October 23, 2017 close. NR – Not rated NM – Not meaningful US\$-INR: 65

Key Assumptions

| | 2016 | 2017 | 2018E | 2019E | 2020E |
|----------------------------|-------|-------|-------|-------|-------|
| Volumes | | | | | |
| Zinc (kT) | 759 | 672 | 776 | 847 | 925 |
| Lead (kT) | 152 | 155 | 184 | 211 | 242 |
| Silver (T) | 459 | 480 | 535 | 620 | 750 |
| LME-Assumptions (US\$/ton) | | | | | |
| Zinc | 1,829 | 2,475 | 2,800 | 2,800 | 2,900 |
| Lead | 1,768 | 1,900 | 2,300 | 2,300 | 2,300 |
| Silver ((US\$/oz)) | 15.2 | 19.0 | 18.0 | 18.0 | 18.0 |
| Rs/US\$ rate | 65.5 | 68.0 | 65.0 | 65.0 | 65.0 |

Source: Company, HDFC sec Inst Research

Changes In Estimates

| | | Old | | New | | | %Change | | |
|---------------------------|---------|---------|---------|---------|---------|---------|---------|-------|-------|
| | FY18E | FY19E | FY20E | FY18E | FY19E | FY20E | FY18E | FY19E | FY19E |
| Volumes | | | | | | | | | |
| Refined Zn (kT) | 776 | 847 | 925 | 776 | 847 | 925 | (0.0) | 0.0 | 0.0 |
| Refined Pb (kT) | 184 | 211 | 242 | 184 | 211 | 242 | 0.2 | 0.2 | (0.2) |
| Refined Silver (T) | 535 | 620 | 750 | 535 | 620 | 750 | - | - | - |
| LME-Assumptions (US\$/T) | | | | | | | | | |
| Refined Zn (US\$/T) | 2,800 | 2,800 | 2,900 | 2,800 | 2,800 | 2,900 | - | - | - |
| Refined Pb (US\$/T) | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | - | = | - |
| Refined Silver (US\$/oz.) | 18 | 18 | 18 | 18.0 | 18.0 | 18.0 | - | - | - |
| Revenues (Rs mn) | 197,506 | 218,442 | 248,328 | 197,506 | 218,442 | 248,328 | 0.0 | 0.0 | (0.0) |
| EBITDA (Rs mn) | 111,315 | 124,302 | 144,301 | 108,941 | 122,328 | 142,280 | (2.1) | (1.6) | (1.4) |
| PAT (Rs mn) | 96,362 | 106,295 | 110,166 | 87,503 | 100,099 | 104,543 | (9.2) | (5.8) | (5.1) |

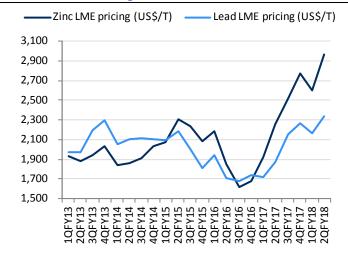
Source: Company, HDFC sec Inst Research

Earnings tweaked downwards to account for a higher run rate in employee costs



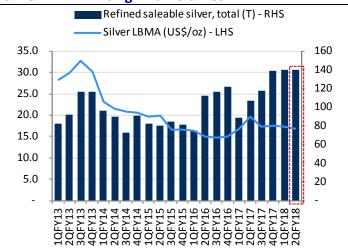
Zn pricing continues to drive HZL's margins and earnings

Zn And Lead Pricing



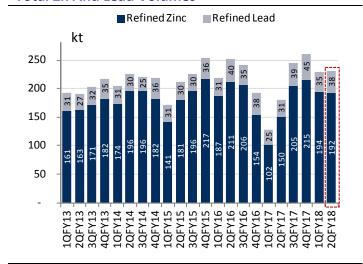
Source: Company, HDFC sec Inst Research

Silver LBMA Pricing And Volumes



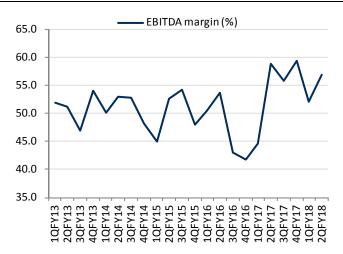
Source: Company, HDFC sec Inst Research

Total Zn And Lead Volumes



Source: Company, HDFC sec Inst Research

EBITDA Margins (%)





Income Statement

| Year ending March (Rs mn) | FY16 | FY17 | FY18E | FY19E | FY20E |
|-----------------------------------|---------|--------------|-------------|---------|-------------|
| Net sales | 138,535 | 170,460 | 197,506 | 218,442 | 248,328 |
| Growth % | (4.5) | 23.0 | 15.9 | 10.6 | 13.7 |
| Material and Mining Expenses | 62,616 | 62,279 | 76,825 | 83,852 | 92,935 |
| Employee Expenses | 7,862 | 7,220 | 8,664 | 8,777 | 9,155 |
| SG&A Expenses | 3,302 | 3,310 | 3,889 | 4,407 | 5,000 |
| Other operating expenses | 2,079 | 2,530 | 2,300 | 2,414 | 2,535 |
| Operating profits | 62,677 | 95,121 | 105,828 | 118,992 | 138,703 |
| Operating Profit Margin (%) | 45.2 | 55.8 | 53.6 | 54.5 | 55.9 |
| Other operating income | 3,729 | 2,270 | 3,113 | 3,336 | 3,577 |
| EBITDA | 66,406 | 97,391 | 108,941 | 122,328 | 142,280 |
| EBITDA % | 47.9 | <i>57.</i> 1 | <i>55.2</i> | 56.0 | <i>57.3</i> |
| EBITDA Growth % | (10.5) | 46.7 | 11.9 | 12.3 | 16.3 |
| Depreciation | 7,126 | 18,112 | 15,214 | 12,649 | 14,536 |
| EBIT | 59,280 | 79,279 | 93,727 | 109,678 | 127,744 |
| Other Income (including EO items) | 26,993 | 24,740 | 22,356 | 22,201 | 28,460 |
| Interest | 169 | 2,017 | 169 | 169 | 169 |
| РВТ | 86,104 | 102,002 | 115,914 | 131,710 | 156,035 |
| Tax | 4,438 | 18,840 | 25,501 | 31,610 | 51,491 |
| RPAT | 81,666 | 83,162 | 90,413 | 100,099 | 104,543 |
| EO (Loss) / Profit | (301) | - | 2,910 | - | - |
| APAT | 81,967 | 83,162 | 87,503 | 100,099 | 104,543 |
| APAT Growth (%) | 0.2 | 1.5 | 5.2 | 14.4 | 4.4 |
| Adjusted EPS (Rs.) | 19.3 | 19.7 | 20.7 | 23.7 | 24.7 |
| EPS Growth (%) | (0.1) | 1.8 | 5.2 | 14.4 | 4.4 |
| | | | | | |

Source: Company, HDFC sec Inst Research

Balance Sheet

| As at March (Rs mn) | FY16 | FY17 | FY18E | FY19E | FY20E |
|--|----------|----------|----------|----------|---------|
| SOURCES OF FUNDS | | | | | |
| Share Capital | 8,450 | 8,450 | 8,450 | 8,450 | 8,450 |
| Reserves | 365,400 | 299,600 | 358,418 | 422,374 | 489,170 |
| Total Shareholders' Funds | 373,850 | 308,050 | 366,868 | 430,824 | 497,620 |
| Long Term Debt | 0 | 0 | 0 | 0 | 0 |
| Short Term Debt | 1,010 | 80,010 | 930 | 930 | 930 |
| Total Debt | 1,010 | 80,010 | 930 | 930 | 930 |
| Deferred Taxes | (24,980) | (27,480) | (25,162) | (19,893) | 391 |
| Other Non-Current Liabilities & Provns | 5,820 | 6,670 | 6,670 | 6,670 | 6,670 |
| TOTAL SOURCES OF FUNDS | 355,700 | 367,250 | 349,306 | 418,531 | 505,611 |
| APPLICATION OF FUNDS | | | | | |
| Net Block | 107,040 | 104,230 | 104,016 | 121,367 | 136,831 |
| CWIP | 24,280 | 30,710 | 38,460 | 31,210 | 23,960 |
| Other Non-Current Assets | 6,520 | 9,040 | 9,040 | 9,040 | 9,040 |
| Total Non-current Assets | 137,840 | 143,980 | 151,516 | 161,617 | 169,832 |
| Inventories | 10,580 | 19,360 | 19,237 | 18,228 | 20,704 |
| Debtors | 1,070 | 1,360 | 1,649 | 1,823 | 2,070 |
| Other Current Assets | 4,740 | 4,140 | 4,140 | 4,140 | 4,140 |
| Cash & Equivalents | 352,740 | 321,630 | 216,039 | 277,477 | 355,724 |
| Total Current Assets | 369,130 | 346,490 | 241,066 | 301,668 | 382,639 |
| Creditors | 9,310 | 12,050 | 14,016 | 15,494 | 17,599 |
| Other Current Liabilities & Provns | 141,960 | 111,170 | 29,260 | 29,260 | 29,260 |
| Total Current Liabilities | 151,270 | 123,220 | 43,276 | 44,754 | 46,859 |
| Net Current Assets | 217,860 | 223,270 | 197,790 | 256,914 | 335,780 |
| TOTAL APPLICATION OF FUNDS | 355,700 | 367,250 | 349,306 | 418,531 | 505,612 |



Cash Flow

| Year ending March (Rs mn) | FY16 | FY17 | FY18E | FY19E | FY20E |
|----------------------------|-----------|-----------|-----------|----------|----------|
| Reported PBT | 86,104 | 102,002 | 115,914 | 131,710 | 156,035 |
| Non-operating & EO items | (27,295) | (24,740) | (19,446) | (22,201) | (28,460) |
| Interest expenses | 169 | 2,017 | 169 | 169 | 169 |
| Depreciation | 7,126 | 18,112 | 15,214 | 12,649 | 14,536 |
| Working Capital Change | 30,185 | 2,180 | 1,799 | 2,313 | (619) |
| Tax paid | (17,856) | (23,380) | (23,183) | (26,342) | (31,207) |
| OPERATING CASH FLOW (a) | 78,434 | 76,191 | 90,467 | 98,299 | 110,454 |
| Capex | (16,270) | (21,340) | (22,750) | (22,750) | (22,750) |
| Free cash flow (FCF) | 62,164 | 54,851 | 67,717 | 75,549 | 87,704 |
| Investments | 0 | 0 | 0 | 0 | 0 |
| Non-operating Income | 27,295 | 24,740 | 19,446 | 22,201 | 28,460 |
| INVESTING CASH FLOW (b) | 11,025 | 3,400 | (3,304) | (549) | 5,710 |
| Debt Issuance/(Repaid) | 87,880 | 56,990 | (160,990) | 0 | 0 |
| Interest expenses | (169) | (2,017) | (169) | (169) | (169) |
| FCFE | 177,170 | 134,564 | (73,996) | 97,580 | 115,995 |
| Share Capital Issuance | 0 | 0 | 0 | 0 | 0 |
| Dividend | (133,410) | (165,674) | (31,595) | (36,143) | (37,748) |
| FINANCING CASH FLOW (c) | (45,699) | (110,701) | (192,754) | (36,312) | (37,917) |
| NET CASH FLOW (a+b+c) | 43,760 | (31,110) | (105,591) | 61,437 | 78,247 |
| EO Items/Others | (10) | | | | |
| Closing Cash & Equivalents | 352,740 | 321,630 | 216,039 | 277,477 | 355,724 |

Source: Company, HDFC sec Inst Research

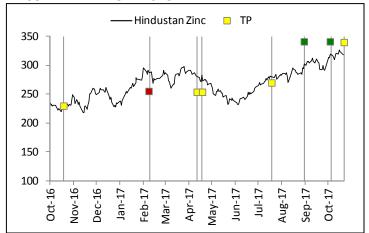
Key Ratios

| Rey Natios | | | | | |
|------------------------------|-------|-------|--------|-------|-------|
| | FY16 | FY17 | FY18E | FY19E | FY20E |
| PROFITABILITY (%) | | | | | |
| EBITDA Margin | 47.9 | 57.1 | 55.2 | 56.0 | 57.3 |
| APAT Margin | 59.2 | 48.8 | 44.3 | 45.8 | 42.1 |
| RoE | 19.9 | 24.4 | 25.9 | 25.1 | 22.5 |
| Core RoCE | 69.2 | 111.0 | 97.2 | 73.1 | 72.0 |
| RoCE | 20.6 | 26.3 | 27.7 | 26.1 | 22.6 |
| EFFICIENCY | | | | | |
| Tax Rate (%) | 5.2 | 18.5 | 22.0 | 24.0 | 33.0 |
| Asset Turnover (x) | 0.9 | 1.1 | 1.2 | 1.2 | 1.3 |
| Inventory (days) | 27 | 41 | 35 | 30 | 30 |
| Debtors (days) | 3 | 3 | 3 | 3 | 3 |
| Payables (days) | 24 | 25 | 26 | 26 | 26 |
| Cash Conversion Cycle (days) | 6 | 18 | 13 | 8 | 8 |
| Debt/EBITDA (x) | N/M | N/M | N/M | N/M | N/M |
| Net D/E | N/M | N/M | N/M | N/M | N/M |
| Interest Coverage | N/M | N/M | N/M | N/M | N/M |
| PER SHARE DATA | | | | | |
| EPS (Rs/sh) | 19.3 | 19.7 | 20.7 | 23.7 | 24.7 |
| CEPS (Rs/sh) | 21.0 | 24.0 | 24.3 | 26.7 | 28.2 |
| DPS (Rs/sh) | 27.8 | 27.5 | 6.2 | 7.1 | 7.4 |
| BV (Rs/sh) | 88.5 | 72.9 | 86.8 | 102.0 | 117.7 |
| VALUATION | | | | | |
| P/E | 16.5 | 16.2 | 15.4 | 13.4 | 12.9 |
| P/BV | 3.6 | 4.4 | 3.7 | 3.1 | 2.7 |
| EV/EBITDA | 16.1 | 11.9 | 10.1 | 8.6 | 7.0 |
| OCF/EV (%) | 7.9% | 7.4% | 8.0% | 9.2% | 11.2% |
| FCF/EV (%) | 6.3% | 5.4% | 6.0% | 7.1% | 8.9% |
| FCFE/Market Cap (%) | 13.2% | 10.0% | (5.5%) | 7.3% | 8.6% |
| Dividend Yield (%) | 8.7 | 8.6 | 2.0 | 2.2 | 2.3 |

Source: Company, HDFC sec Inst Research

N/M: Not Meaningful

RECOMMENDATION HISTORY



| Date | СМР | Reco | Target |
|-----------|-----|------|--------|
| 21-Oct-16 | 250 | NEU | 230 |
| 13-Feb-17 | 314 | SELL | 254 |
| 13-Apr-17 | 282 | NEU | 254 |
| 21-Apr-17 | 282 | NEU | 254 |
| 20-Jul-17 | 281 | NEU | 270 |
| 4-Sep-17 | 303 | BUY | 340 |
| 6-Oct-17 | 314 | BUY | 340 |
| 23-Oct-17 | 319 | NEU | 340 |

Rating Definitions

BUY : Where the stock is expected to deliver more than 10% returns over the next 12 month period

NEUTRAL : Where the stock is expected to deliver (-)10% to 10% returns over the next 12 month period

SELL : Where the stock is expected to deliver less than (-)10% returns over the next 12 month period



Disclosure:

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Mutual Funds Investments are subject to market risk. Please read the offer and scheme related documents carefully before investing.



HDFC securities Institutional Equities

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