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- [Slide 1] Facility Overview Steel Analysts Meeting Kosice, Slovakia August 7, 2001 Merle R. Stein V.P. Operations
- [Slide 2] Facility Overview Largest integrated flat rolled producer in Central Europe; 5.0 million NT/year raw steel; 3.5 million NT shipments; ISO certified
- [Slide 3] Steel Material Flow, Capacity Summary flow chart Cokery Plant Q = 2,000 KNT/y or Sintering Plant Q= 4,400 KNT/y to Blast Furnaces Plant Q = 4,500 KNT/y to Converters Q = 5,200 KNT/y or Continuous Casting Q= 5,000 KNT/y to Hot Rolling Plant Q = 4,800 KNT/y to hot rolled coils or hot rolled strips or hot rolled plates
- [Slide 4] Steel Material Flow, Capacity Summary flow chart Pickling lines Q = 2,275 KNT/y to pickled material; 4-stand cold rolling mill Q = 1,400 KNT/y to 5-stand cold rolling mill Q = 510 KNT/y to full hard; batch annealing Q = 1,400 KNT/y to continuous annealing Q = 150 KNT/y to cold rolled material; galvanizing lines (2) Q = 355 KNT/y to electrolytic tinning line Q = 150 KNT/y to dynamo lines Q = 168 KNT/y to color coating line Q = 99 KNT/y
- [Slide 5] Implement Immediate and Long Term Continuous Improvement Philosophy for the Key Business Drivers Safety; Environmental; Quality; Delivery and Service; Productivity; Cost
- [Slide 6] Battery Pushes per Day graph of 40 to 140 Ovens Pushed from 12/1/2000 to 6/19/2001 for Battery 1 and Battery 3
- [Slide 7] Coke Moisture graph of 2.0 to 7.0 % Moisture from 12/1/2000 to 6/19/2001 for Battery 1 and Battery 3
- [Slide 8] Coke Plant Projects Benzene Scrubber Replacement; LoMo Coke Quenching
- [Slide 9] Blast Furnace Production chart of 500 to 12,500 Daily Production (Short Tons) from VSZ 2000 Best by month thru June, 2001 for BF1, BF2, BF3 and Division
- [Slide 10] Blast Furnaces Projects Sinter Plant Emission Controls; Tie #3 BF Main to Expansion Turbine; Upgrade PCI Mill Motor Drives
- [Slide 11] Steel Making Productivity & Quality Initiatives Increased Vessel Campaigns; Reduction in Tapping Temperature; Yield Improvements; Reduction in Missed Heats; Reduction in Number of Reblows; Implementation of Supergrades; Scrap Management Program
- [Slide 12] BOF Tapping Temperature graph of 2960 to 3050 Tapping Temperature (F) for year 2000 and first six months of 2001 for BOP1 and BOP2
- [Slide 13] Consumption of Hot Metal chart of 1800 to 1960 lbs of HM/Short Ton of Steel for first six months of 2001 for Shop 1, Shop 2 and Division

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- [Slide 14] Liquid Yield chart of 84.00 to 89.00 Liquid Yield % for first six months of 2001 for Shop 1, Shop 2 and Division
- [Slide 15] Steel Shop and Caster Projects Improve Caster Water Systems; Implement Scrap Management; Shop Optimization; Eliminate #1 Shop Combustion Boiler Hoods; Install RH Degasser in Shop 1
- [Slide 16] Hot Strip Mill Initiatives 1. Change Maintenance Philosophy: Reduce Maintenance Contractors by Maximizing Use of Central Maintenance; Reduce Spares and Consumables Inventories Through Purchasing Controls and 2. Increase Productivity: Reduce Gap Times at F-0; Reduce Maintenance and Roll Change Delays
- [Slide 17] Maintenance Contractors chart of 0 to 250 Number of Contractors for 2000 average and first six months of 2001
- [Slide 18] HSM Short Tons per Turn chart of 0 to 5,000 Tons/Turn for 2000 average (4410), 1st quarter 2001 (4283) and 2nd quarter 2001 (4889)
- [Slide 19] Band Cost chart of 75% to 105% for 2000 average (100.0), YTD (87.6), 1st Qtr 2001 (90.8) and 2nd Qtr 2001 (84.7)
- [Slide 20] HSM Projects Improve Finishing Roll Cooling; Coiler Mandrel Drives Upgrade; Hot Roll Coil Inspection Station
- [Slide 21] Down Stream Finishing Cost Reductions Versus 2000 4 Stand; 5 Stand; Galvanize; Dynamo
- [Slide 22] Finishing Projects ETL Coating Line; DCR Mill Upgrade; Temper Mill Shear and Oiler; 5 Stand Speed and Yield; 4 Stand Gap Time
- [Slide 23] Looking Forward picture of crowd outside mill and picture of two workers inside mill