TABLE B.2.1 GENERAL DESCRIPTION OF NON-FERROUS SMELTER SECTOR - PRESENT CONDITIONS

| Smelter | Location | Processed Used | Capacity | $SO_2$ Emission Rates |
|---|---|---|---|---|
| Hudson Bay Mining and Smelting Co. Limited | Flin Flon, Manitoba | Cu-roasting (multiple hearth roasters), reverberatory furnace smelting, converting, anode casting | 180 tonnes blister Cu per day | Current Manitoba control order 800 tonnes per day average monthly mean |
| | | Zn-roasting (multiple-hearth roasters), electrowinning | 230 tonnes refined Zn per day | |
| INCO Limited | Thompson, Manitoba | Ni-roasting (fluid-bed roasters), electric furnace smelting, converting, refining | 130 tonnes refined Ni per day | Current Manitoba control order 1130 tonnes per day |
| INCO Limited | Copper Cliff, Ontario | Ni-roasting (multiple-hearth roasters), reverberatory furnace smelting, converting, refining | 430 tonnes Ni per day in various forms | |
| | | Cu-flash smelting, converting, refining | 400 tonnes per day refined copper | Current legislation limits emission to 2270 tonnes per day |
| | | Iron Ore Processing-pyrrhotite roasting (fluid-bed roasters), leaching, sintering | 2200 tonnes per day iron ore, 20 tonnes per day Ni | 230 tonnes per day under current legislation |
| Falconbridge Nickel Mines Limited | Sudbury, Ontario | Ni/Cu-roasting (fluid-bed roasters) electric furnace smelting, converting | 130 tonnes per day Ni, 70 tonnes per day Cu | 420 tonnes per day under current control order |
| Noranda Mines Limited, Horne Division | Noranda, Québec | Cu-green charged reverberatory furnace smelting, converting - Noranda continuous smelting furnace - anode Cu shipped to CCR, Montreal | 540 tonnes per day Cu | 1570 tonnes per day |
| Noranda Mines Limited, Gaspé Division | Murdochville, Québec | Cu-roasting (fluid bed-roasters), reverberatory furnace smelting, converting, anode furnace | 230 tonnes anode Cu per day | 230 tonnes per day |