



# Kawasaki Steel's Environment and Safety Policy

## Overseas Electrolytic Tinning Lines\*

### Synopsis:

*Kawasaki Steel started the operation of its first ETL*

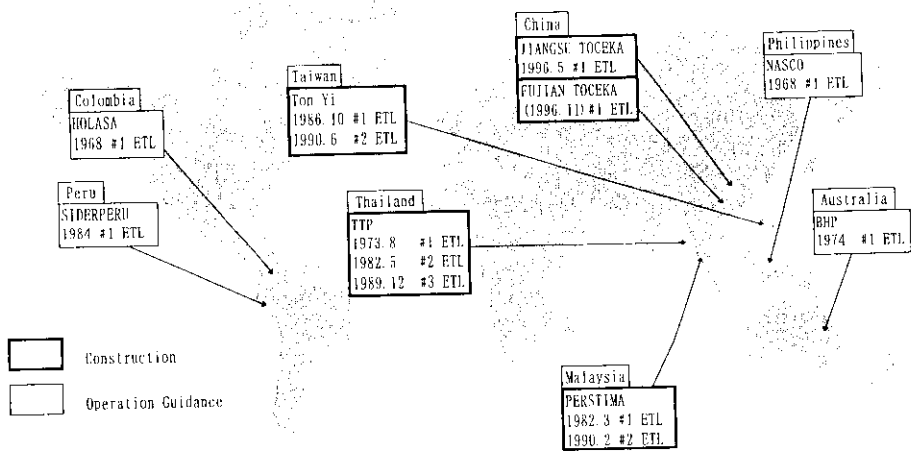


Fig. 1 Construction and operation guidance for overseas ETLs by Kawasaki Steel

Table 1 List of ETLs supplied by Kawasaki Steel

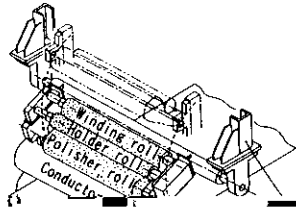
Table 2 Main specifications of standard ETLs

| Type | Nominal production (t / y) | Max. line speed (m / min) | Number of plating cell |
|------|----------------------------|---------------------------|------------------------|
| A    | 60 000                     | 150                       | 4 + 4                  |
| B    | 90 000                     | 183                       | 5 + 5                  |

Table 3 Standard maximum shearing speed

| Type | Max. shearing speed(m / min) |
|------|------------------------------|
| a    | 150                          |
| b    | 183                          |
| c    | 230                          |

tor roll replacement and eliminates the need for sink roll



ners.

### 5.1.2 System tailored to contract

Our system is tailored to accommodate full turn-key contracts that include not only the supply of facilities but also required construction and test runs, and our years of experience testify to our ability to provide ETI.

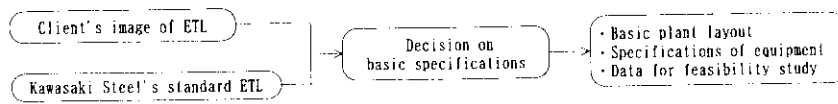


Fig. 7 Schematic flow of standardization of ETL



Fig. 8 Schematic flow of tin regeneration