

KAWASAKI STEEL GIHO

Vol.17 (1985) No.2

275 kV

Hight Efficiency 275 kV Receiving Station Employing RG-6H Silicon Steel Strip

| | | | |
|-------|---------------------|-------------------|------------|
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:

275 kV

1

3

3

1

RG6H

2

GIS

275 kV

高磁束密度方向性珪素鋼帯を使用した高効率, 275 kV 受変電設備^{*1}

川崎製鉄技報
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要旨

千葉製鉄所の 275 kV 受変電所は、西条電所 3 号機の新入

Synopsis:

Ultrahigh tension (275 kV) power receiving station at Chiba Works, I

[REDACTED]

[REDACTED]

1

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

1

[REDACTED]

Table 1 Main specifications of 275 kV substation at Chiha

Table 2 Specifications of transformer for 275 kV substation

| Works | |
|-------------------------------|---------------------------------------|
| Three phase power transformer | Forced-oil and forced-air cooled type |
| | Rated capacity: 300/300/10 MVA |
| | Rated voltage : 275/147/22 kV |
| | Total weight : 295 t |
| | Quantity : 2 |
| | Rated current : 680/1 180/262 A |

| Trasformer | | No. 1 | No. 2 |
|----------------------------|----|-------|--------|
| Item | | | |
| Thickness of Si steel (mm) | | 0.3 | 0.27 |
| Rated capacity (MVA) | HV | 300 | HV 300 |
| | MV | 300 | MV 300 |
| | LV | 10 | LV 10 |



