Rolling of 8wf40 and 14wf30. Project 205

Lynn S. Beedle
I suggest you note the date of the Bethlehem Steel Company marking instructions. You will need to refer to this information in the conduct of tests and in running the coupon tests.

Lynn

Next 205 No.: 

Title: Marking or Rolling

19W30
8WF40
1948
PROJECT 205 -- Rolling of 8WF40 and 14WF30.

The former was rolled on 6/17/48, witness by myself and Harry. An excellent system was set up and we were given copies of the marking system (see attached). The process was carried out most efficiently.

The 14WF30 is to be rolled this afternoon at about 1:00. Since extra personnel would have to be retained to act as escorts for us, and since all questions would have been raised at the time of the first rolling, and since I had an appointment anyway, it was decided that no Lehigh representative would witness rolling this shape.

Lynn
FOR INTER-OFFICE CORRESPONDENCE

SUBSIDIARY COMPANIES OF BETHLEHEM STEEL CORPORATION

BETHLEHEM, PA. May 28, 1948

FILE REFERENCE

FROM: K. H. Read

TO: G. H. Todd

SUBJECT: Lehigh University-Order No. 3728
Bethlehem Steel Company Order No. DC-3553
Sections B14 and B8b

Lehigh University has entered an order for 7,441# of B14 x 30# and 6,880# of B8B x 40#. This material is scheduled for rolling during June. Since the order calls for various lengths, sections and identifications to be marked on each section and piece, we are requesting the following procedure to be followed in supplying material for this order:

1. Middle ingot from one heat ordered for B14 x 30 and one heat ordered for B8B x 40 to be identified in Open Hearth and kept separate in pits and at Hot Saw. Identify product of these ingots with letter (M) following heat number.

2. Material for these bars to be cut from product of these two ingots as per attached chart.

3. All pieces must be plainly marked with heat number and location of piece in ingot as shown on attached chart.

4. Twisted end must be completely removed prior to cutting pieces for this order.

K. H. Read
Metallurgical Supervisor

cc: JHS LRP-5
SDG JFC
JRC WTM
IRK JEH
FGR RCR-5
File-5
Lehigh University
Order No. 3728
Bethlehem Steel Company Order No. D0 3553

Semi-Killed Steel

Red Figures - Hot Saw Cutting
Black Figures - Cold Saw Cutting

Top

| Heat #41525 | Bl4 x 30\(\frac{1}{2}\) |
---|---|
| 1 piece - 15\(\frac{1}{6}\) " |
| 2 Pieces - 15\(\frac{1}{6}\) " |
| 2 Pieces - 15\(\frac{1}{6}\) " |
| 4 Pieces - 6\(\frac{1}{2}\) " |

Middle

| Heat #34K388 | B83 x 40 |
---|---|
| 25" x 30" x 9" ingot (middle ingot 7" the heat) |
| 1 pc 28" |
| 4 pieces - 21" |
| 1 piece - 151 |
| 2 pc. 14" |

Bottom

| 2 pc. 14" |
| B1 |
| B2 |

Stamp

| T1 |
---|
| T2 |
| T3 |
| M1 |
| M3 |
| B1 |
| B2 |

#1 piece - 6\(\frac{1}{2}\)" - both ends milled to 6\(\frac{1}{2}\)"
8W40
25 x 30 ingot x 89" l/x
Semi-killed steel

Heat #: 34K 388
Middle ingot # 3