

目 次

• 铁水预处理 •

鱼雷罐加废钢对铁水渣及铁水脱硫的影响..... 刘自康,郑 毅(1)

• 转炉及电炉冶炼 •

顶吹转炉中高磷铁水脱磷工艺研究..... 丁 宁,孟义春,李 宁,韩学义,王 勇,姜卓豪(6)

转炉采用石灰石造渣水模拟试验研究..... 李晨晓,毛文文(12)

炼钢铁水直接合金化工艺试验研究..... 富志生,杨永刚(17)

• 凝固与浇铸 •

板坯连铸浸入式水口浸入深度对卷渣行为的影响

..... 王 博,邹 平,孙秀兵,李建军,孙立根,朱立光(22)

Hi-B 钢连铸坯凝固组织及偏析的研究..... 李 辉,时朋召,仇圣桃,杨 军,邹德宁(29)

基于扇形段受力预测模型的动态辊缝控制技术..... 何新军,何小群(35)

敬业钢铁通道式电磁感应加热中间包生产实践..... 徐海强,曾岳飞,谢 力,陈晓东,郭士萌(41)

镁质干式料中间包烘烤工艺改善实践..... 李尚兵,陈远清,黄建军,耿恒亮,李占春,汪德伟(46)

• 产品工艺及质量控制 •

风塔板钢炼钢连铸过程中夹杂物的演变..... 周杨鹏,杨 健,郑 磊,和珍宝,左 帅(50)

CSP 生产 Q345 热轧板边裂的成因分析与控制

..... 王君驰,郑 万,王春锋,叶 飞,钱 龙,康惠柄(60)

薄厚度板坯连铸机非稳态连铸坯中夹杂物分布

..... 黄淑媛,杨 健,李广帮,康 伟,廖相巍,田 勇(67)

含钛铁素体不锈钢连铸过程保护渣性能演变对铸坯质量的影响

..... 王 伟,亓 捷,翟 俊,李 欢(76)

高品质超级 13Cr 不锈钢精炼与铸锭工艺优化..... 张增武(80)

CONTENTS

• Hot Metal Pretreatment •

Effect of adding scrap into torpedo on hot metal slag and desulphurization LIU Zikang ,ZHENG Yi(1)

• BOF & EAF Steelmaking •

Study on dephosphorization process with middle and high phosphorus hot metal in top -blowing converter
..... DING Ning ,MENG Yichun ,LI Ning ,HAN Xueyi ,WANG Yong ,JIANG Zhuohao (6)

Water simulation experiment research of converter slagging with limestone LI Chenxiao ,MAO Wenwen (12)

Experimental study on direct alloying process of hot metal in steelmaking FU Zhisheng ,YANG Yonggang (17)

• Solidification & Continuous Casting •

Effect of immersion depth of submerged entry nozzle on slag entrapment in slab continuous casting
..... WANG Bo ,ZOU Ping ,SUN Xiubing , LI Jianjun ,SUN Ligen , ZHU Liguang (22)

Study on solidification structure and segregation of continuous casting slab of Hi-B steel
..... LI Hui ,SHI Pengzhao ,QIU Shengtao ,YANG Jun ,ZOU Dening (29)

Dynamic roll gap control technology based on force prediction model in segment HE Xinjun ,HE Xiaoqun (35)

Research and practice on channel-type induction heating tundish of Jingye Steel
..... XU Haiqiang ,ZENG Yuefei ,XIE Li ,CHEN Xiaodong ,GUO Shimeng (41)

Improvement of tundish baking process for magnesias dry material
..... LI Shangbing ,CHEN Yuanqing ,HUANG Jianjun ,GENG Hengliang ,LI Zhanchun ,WANG Dewei (46)

• Product Process & Quality Control •

Evolution of inclusions in steelmaking and continuous casting process of steel plate for wind power generation tower
..... ZHOU Yangpeng ,YANG Jian ,ZHENG Lei ,HE Zhenbao ,ZUO Shuai (50)

Cause analysis and control of edge crack of Q345 hot rolled plate produced by CSP
..... WANG Junchi ,ZHENG Wan ,WANG Chunfeng ,YE Fei ,QIAN Long ,KANG Huibing (60)

Distribution of inclusions in unsteady slab of thin slab caster
..... HUANG Shuyuan ,YANG Jian ,LI Guangbang ,KANG Wei ,LIAO Xiangwei ,TIAN Yong (67)

Effect of property evolution of mold slag on slab quality during continuous casting of titanium -containing ferritic
stainless steel WANG Wei ,QI Jie ,ZHAI Jun ,LI Huan (76)

Optimization of refining and ingot casting process on high quality super 13Cr stainless steel ZHANG Zengwu (80)