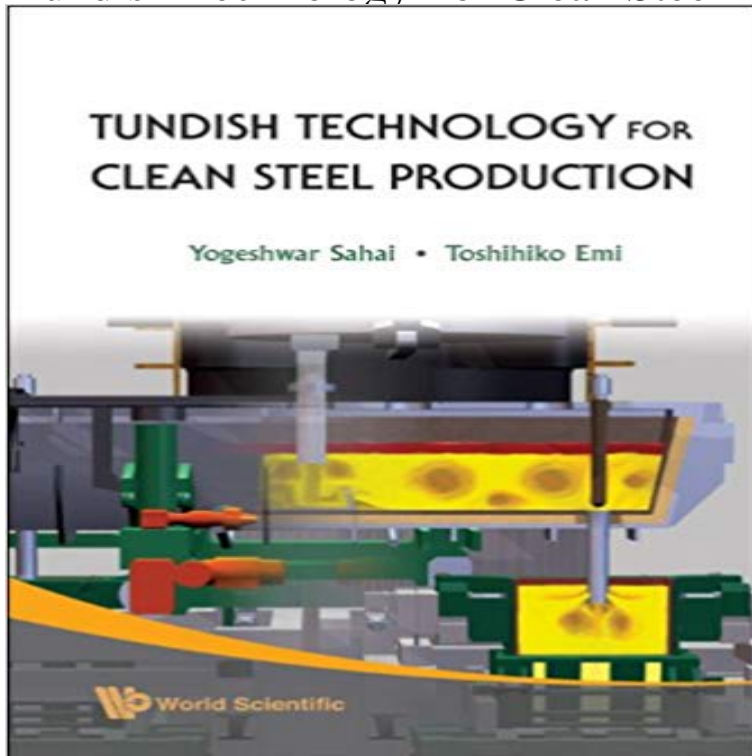


# Tundish Technology For Clean Steel Production



Continuous casting of steel has become a widely used process and an important step in steel production. The worldwide share of continuously cast steel has increased significantly in the last 25 years or so. However, concurrent with this increase in production levels are stringent quality requirements that have become crucial in the face of progressively increasing machine throughputs and larger product dimensions. As a result, steel cleanliness and strict composition control are now the primary concern of steelmakers. The tundish is the last metallurgical vessel through which molten metal flows before solidifying in the continuous casting mold. During the transfer of metal through the tundish, molten steel interacts with refractories, slag, and the atmosphere. Thus, the proper design and operation of a tundish are important for delivering steel of strict composition and quality. This pioneering book is the first of its kind to cover all aspects of tundish technology, ranging from fundamental aspects and theory necessary for understanding the basic concepts of tundish operations to operational aspects of the tundish. Written by internationally recognized experts in continuous casting technology in general and tundish technology in particular, this book is sufficiently fundamental to serve as a graduate-level textbook on process metallurgy or as an important reference for metallurgical researchers; at the same time, it is comprehensive enough to contribute to the understanding of scientists and engineers engaged in research and development in the steel industry. Contents: Non-Metallic Inclusions; Review of Fluid Flow and Turbulence; Fluid Flow Characterization; Modeling of Melt Flow; Tundish Operation; Melt Temperature Control; Recent, Emerging, and Novel Technologies.

About

## Contact Details

Home

## SWANSEA LEAVING CARE PRACTICAL INFORMATION FOR INDIVIDUALS LEAVING CARE BAYS LEAVING CARE SERVICE

Opening Hours: Mon, Tues, Thurs 10.00am – 4pm Wed: 1pm – 4pm, and Fri 10.00am – 3.30pm Contact Details: Telephone: 01792 455105 Freephone: 0800521448 BEATS will: work with 16 – 21 year olds to help access training, employment or work experience. help young people access courses, or volunteering opportunities. give practical support with [...]

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## BENEFITS BUS STOP

Money Worries – Help with Benefits Have your benefits been stopped or reduced because of a sanction? You are eligible for Income Support if you are: Aged 16 & 17 and a parent of a child for whom you are responsible for; or A single person fostering a child Aged 18+ [...]

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## INDEPENDENT LIVING SKILLS

Lots of the topics covered in this website are part of independent living skills and you may be surprised by how much is involved in looking after yourself. You don't have to be completely on your own and if you are finding things difficult you should always have someone to turn to for help. This does not [...]

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## USEFUL DOCUMENTS

There are a number of documents that you will need to have as you live more independently. BIRTH CERTIFICATE You need your birth certificate as proof of identity and you will need it to get other documents such as a passport. Social Services may have a copy of your birth certificate that they are [...]

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## HEALTH

It is your social worker or young personal advisor's job to make sure you are registered with a doctor (also called GP) and a dentist. It is important not to leave registering with a GP until you need medical help. Keep the contact details for your doctor and out of hours contact number safe. DENTIST [...]

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## HOUSING

This is perhaps one of the biggest things you have to sort out as you leave care and this is why there is lots of help and support available for you. The options available in your area may affect your choice of when you want to leave care. Unfortunately quite a large number of care [...]

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## EDUCATION

SCHOOL You should already have a designated person in school who is there to help and support you. This could be a teacher or another person in the school. They are responsible for writing your Personal Educational Plan (PEP) and making sure everything happens. Your educational plan should help you to do the best [...]

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## SOCIAL SERVICES AND PATHWAY PLAN

While you have been looked after you will have known some people whose job it is to help and support you. All young people in care have a social worker. It is a good idea to keep their details readily available just in case you need to contact them. You may also want to note the [...]

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## RIGHTS, ENTITLEMENTS AND ADVOCACY

A right is a something that you can expect to receive. You don't have to earn it or win it. The rights and entitlements listed below are things that the government has committed to provide for you as a care leaver. This might be because there is an Act of Parliament or because they have [...]

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## CATEGORIES

BAYS Leaving Care Service

Benefits Bus Stop

Education

Health

Housing

Independant Living Skills

Rights, Entitlements and Advocacy

Social Services and Pathway Plan

Useful Documents

## LANGUAGES

en English

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[\[PDF\] Chiltons repair and tune-up guide, Vega, 1971-76](#)

[\[PDF\] Erotica: Forbidden Fruits Of Eternity \(New Adult Romance Multi Book Mega Bundle Erotic Sex Tales Taboo Box Set\)\(New Adult Erotica, Contemporary Coming Of Age Fantasy, Fetish\)](#)

[\[PDF\] Yehuda Amichai](#)

[\[PDF\] The Definitive Guide To Well Water Treatment: Effective Treatment for Problem Well Water](#)

[\[PDF\] Occupational Noise Exposure: Criteria for a Recommended Standard](#)

[\[PDF\] The Practical Gas and Oil Engine Handbook: A Manual of Useful Information on the Care, Maintenance and Repair of Gas and Oil Engines, With Special Reference to the Diesel Oil Engine \(Classic Reprint\)](#)

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