For 23 years, PTQ’s independent editorial policy and reputation within the industry have allowed us to provide the latest developments in the global refining, gas and petrochemical processing industries. These articles provide refiners with the in-depth information they need on the processes, products and services necessary to design, build, operate and maintain their plants more efficiently, as well as increase their margins. Together with Technology in Action’s concise articles and Q&A, this makes PTQ an established and popular forum for conversation between technology providers and our worldwide readership.

PTQ has an ABC audited global circulation of 19,167 downstream industry personnel within every refinery, gas and petrochemical processing plant, operating, engineering and licensing company worldwide. As well as your advertisements targeting key personnel through our global circulation, PTQ and its supplements have bonus distribution at major industry conferences and exhibitions, to supplement marketing activities you may have planned for these events.

**SUPPLEMENTS**

**CATALYSIS** is distributed in March and provides refiners with a wide-ranging guide to flexibility in managing their fuels and petrochemicals product portfolios. It showcases current developments in refinery catalyst and additive technology through application and development articles from industry leaders.

**GAS** is distributed with PTQ’s Q2 issue. It covers a range of gas related issues for refiners and processors, from LNG and GTL production issues, to product recovery and flare mitigation in refinery off-gas handling, to amine unit issues in natural gas processing.

**REVAMPS** is distributed with PTQ’s Q4 issue. Its articles deliver insights into the selection and management of projects planned to boost refinery margin. It addresses key issues in the refining industry’s major outlet for capital expenditure: turnarounds plant updates and unit replacements.

**CIRCULATION**

PTQ's circulation is an ABC audited number of 19,167, distributed globally to key industry personnel. The audience includes refiners, engineers, consultants, and other industry professionals.

**PRINT / DIGITAL COPIES DISTRIBUTED**

On 5 June 2019, Crambeth Allen Publishing Ltd was acquired by Metropolis International. The business will be run under Metropolis’s business to business division EMAP, reporting into Managing Director Richard Watts.

ABC is the industry body for media measurement. It inspires market confidence by delivering a valued stamp of trust across the media world. Its data is used by a wide range of decision makers: media owners; media agencies; advertisers rights owners; investors; and management.
<table>
<thead>
<tr>
<th>CATALYSIS</th>
<th>Q2 (APR-MAY-JUN)</th>
<th>GAS</th>
<th>Q3 (JUL-AUG-SEP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Catalysts for Reforming Processes</td>
<td>• Coker Technologies</td>
<td>• LNG/GTL</td>
<td>• Crude Blending</td>
</tr>
<tr>
<td>• FCC Catalyst Developments</td>
<td>• Opportunity Crudes</td>
<td>• Sulphur Recovery &amp; Removal</td>
<td>• Catalyst Advances</td>
</tr>
<tr>
<td>• Hydroprocessing Catalyst Developments</td>
<td>• Hydrogen Production</td>
<td>• Sour Gas Processing</td>
<td>• Lubes &amp; Waxes</td>
</tr>
<tr>
<td>• Tail Gas Treating Catalysts</td>
<td>• Crude/Vacuum Systems</td>
<td>• Refinery Gas Treating</td>
<td>• Alternative Fuels</td>
</tr>
<tr>
<td>• Catalysts for Desulphurisation</td>
<td>• Hydrotreating</td>
<td>• Amine Processes</td>
<td>• FCC Propylene</td>
</tr>
<tr>
<td>• Additives for FCC Processing</td>
<td>• Raffinate Production</td>
<td>• Hydrogen Management</td>
<td>• NDX Reduction</td>
</tr>
<tr>
<td>• Catalysts for Increased Olefins Output</td>
<td>• Gasoline Blending</td>
<td>• Shale Gas Processing</td>
<td>• Diesel Production</td>
</tr>
<tr>
<td>• Catalysts for Bottoms Cracking</td>
<td>• Operational Excellence</td>
<td>• Control Systems</td>
<td>• Hydrocracking</td>
</tr>
<tr>
<td>• Regenerating and Recycling Catalysts</td>
<td>• Resid Upgrading</td>
<td>• Compressors</td>
<td>• Coke Removal</td>
</tr>
<tr>
<td></td>
<td>• Steam Reforming</td>
<td>• Analysers</td>
<td>• Plant Design Software</td>
</tr>
</tbody>
</table>

HEAT TRANSFER & FLUID FLOW
• Process Heaters
• Heat Exchangers
• Trace Heating
• Heat Recovery
• Heat Transfer Fluids
• Insulation
• Refractory Developments

MASS TRANSFER & SEPARATION
• Filtration & Separation
• Packing Developments
• Columns & Reactors
• Tower Developments
• Membrane Technology
• Column Design
• Tray Design

ADVERTISING CLOSING DATE
19 FEB 2020
4 MAR 2020
4 MAR 2020
3 JUN 2020

MATERIAL DUE DATE
21 FEB 2020
6 MAR 2020
6 MAR 2020
5 JUN 2020

EDITORIAL CONTRIBUTIONS
In addition to working with our editor on providing 3,000+ word case studies, as an advertiser you can submit contributions to that issue's Technology in Action.

Technology in Action (TiA) comprises 400-800 word case studies highlighting a successful project, addressing such issues as why the customer needed innovative technology to resolve a performance issue and how the offering met the customer's objectives.

Send proposals to Chris Cunningham: editor@petroleumtechnology.com

LEAD GENERATION
To give added value to your advertisements, we have an online reader enquiry service, to help generate leads and to maximise your ROI.

Once each issue is published, we email subscribers with links to all of the companies that are advertising, enabling readers to request further information from those companies or visit their websites.

To see how PTQ's Product Information Service works, visit url.quenchtec.net/Qb9eoQDb
REVAMPS
- Managing Turnaround Operations
- Modelling Plant Upgrades
- Planning Refinery Turnarounds
- Replacing Tower Internals
- Raising Energy Efficiency
- Refractory Developments
- Metallurgy Upgrades
- Revamps for Challenging Feedstocks
- Revamps for Effluent and Flare Systems
- Upgrading Control Systems

Q4 (OCT-NOV-DEC)
- Delayed Coking
- Hydrotreating
- Hydrogen Recovery
- Catalyst Advances
- Vacuum systems
- IoT & Digital Solutions
- Furnace Design
- Water/Wastewater Management
- Heat Transfer
- Mass Transfer

CORROSION & FOULING CONTROL
- Leak Detection & Repair
- High Acidity Crude Processing
- Chemicals, Inhibitors & Antifoulants
- Corrosion Monitoring & Prevention
- Coatings

GAS PROCESSING
- Amine Processes
- Sulphur Recovery & Removal
- Refinery Gas Treating
- Sour Gas Processing
- LNG/GTL
- Compressors

AUTOMATION & CONTROL
- Predictive Control Technology
- IoT & Digital Solutions
- Data Management & Security
- Analytical Instruments
- Modelling & Simulation
- Wireless Technology

SAFETY & ENVIRONMENTAL
- Energy Efficiency
- Process Safety
- Water/Wastewater Management
- SOx/NOx Control
- Emissions Control

AD SIZES

<table>
<thead>
<tr>
<th>Double-Page Bleed</th>
<th>Trim Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>303 x 426mm</td>
</tr>
<tr>
<td></td>
<td>297 x 420mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Single-Page Bleed</th>
<th>Trim Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>303 x 216mm</td>
</tr>
<tr>
<td></td>
<td>297 x 210mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1/2 Page Island</th>
<th>Trim Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>190 x 115mm</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1/2 Page Horizontal</th>
<th>Trim Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>125 x 178mm</td>
<td></td>
</tr>
<tr>
<td>270 x 86mm</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1/3 Page Horizontal</th>
<th>Trim Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>90 x 178mm</td>
<td></td>
</tr>
<tr>
<td>270 x 59mm</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1/4 Page Horizontal</th>
<th>Trim Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>68 x 178mm</td>
<td></td>
</tr>
<tr>
<td>125 x 86mm</td>
<td></td>
</tr>
</tbody>
</table>

BONUS DISTRIBUTION
- AFPM Operations & Process Technology Summit
- RefComm Gdansk
- MESPON
- LARTC Annual Meeting
- Sulphur
- ERTC
- Asian Downstream Week

- AFPM Operations & Process Technology Summit
- RefComm Gdansk
- MESPON
- LARTC Annual Meeting
- Sulphur
- ERTC
- Asian Downstream Week

- SulGas
- MERTC
- ERTC: Ask the Experts
- AFPM Annual Meeting
- StocExpo Europe
- Laurance Reid Gas Conditioning Conference

ADVERTISING CLOSING DATE
9 SEPT 2020
11 DEC 2020

MATERIAL DUE DATE
11 SEPT 2020
13 DEC 2020

AD SIZES

<table>
<thead>
<tr>
<th>AD SIZES</th>
<th>Trim Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-Page</td>
<td>303 x 216mm</td>
</tr>
<tr>
<td>Double-Page</td>
<td>303 x 426mm</td>
</tr>
</tbody>
</table>

BELLY BAND
A belly band is a great way of guiding a reader to your advertisement, plus any other relevant content, within that issue.

We will print and attach the belly band for you from supplied artwork. Specifications: 470mm length (with 40mm overlap at join), 80mm depth.

COST $13,950 including a full page ad within the issue.

ADVERTISEMENT COSTS

<table>
<thead>
<tr>
<th></th>
<th>x1</th>
<th>x2</th>
<th>x3</th>
<th>x4</th>
<th>x5+</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Page</td>
<td>$6,495</td>
<td>$6,335</td>
<td>$6,175</td>
<td>$6,020</td>
<td>$5,870</td>
</tr>
<tr>
<td>Double Page</td>
<td>$10,795</td>
<td>$9,940</td>
<td>$9,690</td>
<td>$9,450</td>
<td>$9,215</td>
</tr>
<tr>
<td>Half-Page Island</td>
<td>$4,800</td>
<td>$4,680</td>
<td>$4,560</td>
<td>$4,440</td>
<td>$4,320</td>
</tr>
<tr>
<td>Half Page</td>
<td>$3,775</td>
<td>$3,680</td>
<td>$3,590</td>
<td>$3,595</td>
<td>$3,400</td>
</tr>
<tr>
<td>Third Page</td>
<td>$2,830</td>
<td>$2,760</td>
<td>$2,690</td>
<td>$2,620</td>
<td>$2,550</td>
</tr>
<tr>
<td>Quarter Page</td>
<td>$2,095</td>
<td>$2,045</td>
<td>$1,900</td>
<td>$1,940</td>
<td>$1,885</td>
</tr>
</tbody>
</table>

Rates for prime positions, inserts and other options available on request. Recognised advertising agencies may receive a discount of up to 15%.
WEBINARS

Our Webinars are 45 minutes long (recorded), followed by a 15-minute live Q&A, and can be delivered in three different time zones at no extra cost. Webinars are promoted via eblasts, DigitalRefining’s homepage, our weekly newsletter, as well as through print and online advertisements, LinkedIn and Twitter.

On-demand versions are included on DigitalRefining and promoted for 12 months, providing a constant flow of qualified leads: digitalrefining.com/webinars.html.

So far, our Webinars have successfully generated high volumes of registrations and leads: 200+ registrations for the live version and 280+ lead generation responses for the on-demand version (highest 530). All registration / lead generation details are passed onto the Webinar’s sponsor.

Cost Per Webinar: $12,950

EBLASTS

DigitalRefining’s single-sponsor eblasts are the perfect way for companies to promote a new product, service, technology or event.

Eblasts are distributed to over 21,000+ registered users on a day and time of your choosing. A copy of the Eblast will also be promoted on PTQ / DigitalRefining’s LinkedIn and Twitter feeds.

Cost Per Eblast: $6,050

WHITE PAPERS

White Papers are promoted as the featured content on our weekly newsletter, on DigitalRefining’s homepage and on the articles homepage, as well as on LinkedIn and Twitter.

For lead generation, the person downloading the White Paper must answer a question provided by you and agree for their contact details to be sent to you. So far, our White Paper service has successfully delivered high volumes of qualified leads. The average response of the last 20 White Papers is 206.

NB: After a month, they become a regular article on DigitalRefining.

Cost Per White Paper: $3,850
REFINING INDIA 2020: 28-29 SEPTEMBER 2020

Now in its eighth year, Refining India has come to be known in the Indian hydrocarbons industry as ‘The September Conference’. It provides the perfect opportunity to bring leading-edge developments to the attention of senior executives from all of India’s major refining companies.

Call For Papers: Email your 200-word abstract to presentations@refiningindia.com by 15 March 2020.

Sponsorship Opportunities: please contact Paul Mason, sales@petroleumtechnology.com

CONFERENCE NEWSPAPERS

As strategic media partner for the Asian Refining Technology Conference / Asian Downstream Summit, as well as the European Refining Technology Conference, DigitalRefining / PTQ are publishers of the official conference newspapers.

A copy of the A3 sized newspapers is given to every person at registration, with additional copies made available throughout the conference and exhibition areas. We also send DigitalRefining / PTQ subscribers a link to a digital version.

If you would like to submit editorial, please contact Rachel Storry, production@petroleumtechnology.com. If you would like to discuss advertising, please contact Paul Mason, sales@petroleumtechnology.com.

CONTACTS

Paul Mason
Advertising Enquiries
T +44 844 5888 771
sales@petroleumtechnology.com

Chris Cunningham
Editorial Enquiries
T +44 844 5888 773
editor@petroleumtechnology.com

Rachel Storry
Production Enquiries
T +44 844 5888 776
production@petroleumtechnology.com