

List of
Urea
Plants
Utilizing TOYO Process



1. Urea plant (1/5)

| No. | Owner | Location | Daily Capacity (MT/D) | Process | *On stream | Main contractor |
|-----|------------------------------------|-----------------------------|-----------------------|---------|------------|-----------------------------------|
| 1 | Mitsui Toatsu Chemicals, Inc. | Fukuoka, Japan | 460 | PR-B | 1948 | Owner |
| 2 | Mitsui Toatsu Chemicals, Inc. | Hokkaido, Japan | 400 | PR-B | 1950 | Owner |
| 3 | Showa Denko K.K. | Kanagawa, Japan | 230 | PR-B | 1955 | MTC |
| 4 | Toyo Gas Chemicals Co., Ltd. | Niigata, Japan | 140 | PR-B | 1958 | Owner |
| 5 | Mitsui Toatsu Chemicals, Inc. | Chiba, Japan | 400 | TR-A/B | 1958 | Owner |
| 6 | Tokai Gas Chemicals Co., Ltd. | Mie, Japan | 100 | PR-B | 1962 | TOYO |
| 7 | Abonos Colombianos | Cartagena, Colombia | 225 | TR-B | 1963 | C&I Girdler (Basic Eng'g: TOYO) |
| 8 | Fertilizantes Mexicanos S.A. | Minatitlan, Mexico | 145 | TR-B | 1962 | C&I Girdler (Basic Eng'g :TOYO) |
| 9 | Polimex-Zaklady Azotowe Kedzierzyn | Kedzierzyn, Poland | 500 | TR-B | 1964 | Power Gas (Basic Eng'g :TOYO) |
| 10 | P.T. Pupuk Sriwidjaja | Palembang, Indonesia | 300 | TR-C | 1963 | H.K. Ferguson (Basic Eng'g :TOYO) |
| 11 | Nihon Suiso Kogyo K.K. | Fukushima, Japan | 100 | PR-B | 1962 | TOYO |
| 12 | Tohoku Hiryo K.K. | Akita, Japan | 160 | PR-C | 1963 | TOYO |
| 13 | Toyo Gas Chemicals Co., Ltd. | Niigata, Japan | 260 | PR-B | 1963 | TOYO |
| 14 | Showa Denko K.K. | Kanagawa, Japan | 170 | PR-B | 1963 | TOYO |
| 15 | W.R. Grace & Co. | Aruba, Netherlands Antilles | 225 | TR-B | 1964 | C&I Girdler |
| 16 | The Fertilizer Corp. of India | Gorakhpur, India | 550 | TR-B | 1968 | TOYO |
| 17 | Gujarat State Fertilizer Co., Ltd. | Baroda, India | 323 | TR-C | 1967 | TOYO |
| 18 | Mitsui Toatsu Chemicals, Inc. | Osaka, Japan | 800 | TR-C | 1966 | TOYO |
| 19 | Imperial Chemical Industries Ltd. | Billingham, England | 1,016 | TR-C | 1966 | TOYO |
| 20 | Polimex-Zaklady Azotowe Pulawy | Pulawy, Poland | 2,500 | TR-B | 1968 | Owner |
| 21 | Strojimport | Sala, Czechoslovakia | 300 | TR-C | 1968 | Power Gas (Basic Eng'g :TOYO) |
| 22 | Fel-Tex | Nebraska, U.S.A. | 45 | PR-A | 1968 | C&I Girdler |
| 23 | V/O Techmashimport | Cherkassy, U.S.S.R. | 1,030 | TR-C | 1969 | TOYO |
| 24 | FESA Fertilizantes Espanoles S.A. | Huelva, Spain | 225 | TR-B | 1967 | C&I Girdler |
| 25 | Borden Chemicals | Louisiana, U.S.A. | 540 | TR-C | 1967 | C&I Girdler |

1. Urea plant (2/5)

| No. | Owner | Location | Daily Capacity (MT/D) | Process | *On stream | Main contractor |
|-----|---|----------------------------|-----------------------|---------|------------|-----------------------------------|
| 26 | ICI Canada Ltd. | Ontario, Canada | 162 | PR-B | 1967 | C&I Girdler |
| 27 | American Cyanamid of Canada | Ontario, Canada | 270 | PR-B | 1966 | H.K. Ferguson (Basic Eng'g :TOYO) |
| 28 | K.K. Kasei Mizushima | Okayama, Japan | 200 | TR-C | 1966 | TOYO |
| 29 | Korea Fertilizer Co., Ltd. | Ulsan, Korea | 1,000 | TR-C | 1967 | TOYO |
| 30 | Exxon Chemical Pakistan Ltd. | Daharki, Pakistan | 515 | TR-C | 1968 | Fluor (Basic Eng'g :TOYO) |
| 31 | Chinhae Chemical Co., Ltd. | Chinhae, Korea | 375 | TR-C | 1967 | Fluor |
| 32 | Yong Nam Chemical Co., Ltd. | Ulsan, Korea | 375 | TR-C | 1967 | Fluor (Basic Eng'g :TOYO) |
| 33 | Showa Denko K.K. | Kanagawa, Japan | 200 | TR-C | 1966 | TOYO |
| 34 | Kyowa Hakko Kogyo Co., Ltd. | Yamaguchi, Japan | 250 | TR-C | 1967 | TOYO |
| 35 | Ube Industries Ltd. | Osaka, Japan | 500 | TR-C | 1967 | TOYO |
| 36 | Fertilizantes Nitrogenados do Nordeste S.A. | Bahia, Brazil | 250 | TR-C | 1971 | TOYO |
| 37 | Taiwan Fertilizer Co., Ltd. | Hsinchu, China | 300 | PR-C | 1968 | TOYO |
| 38 | Kemira B.V. | Rotterdam, Netherlands | 515 | TR-C | 1968 | Fluor |
| 39 | Fertilizants Maexicanos S.A. | Camargo, Mexico | 225 | TR-C | 1968 | C&I Girdler |
| 40 | Agrico Chemical Co. | Louisiana, U.S.A. | 540 | TR-C | 1968 | C&I Girdler |
| 41 | Burma Chemical Industries Development Co., Ltd. | Chauk, Burma | 205 | TR-C | 1970 | TOYO |
| 42 | Gujarat State Fertilizer Co., Ltd. | Baroda, India | 800 | TR-C | 1969 | TOYO |
| 43 | Urea Fertilizer Factory Ltd. | Ghorasal, Bangladesh | 1,137 | TR-C | 1970 | TOYO |
| 44 | ICI India Ltd. | Kanpur, India | 1,364 | TR-C | 1969 | TOYO |
| 45 | Nissan Chemical Industries Ltd. | Toyama, Japan | 200 | TR-C | 1968 | TOYO |
| 46 | BASF A.G. | Ludwigshafen, F.R. Germany | 800 | TR-C | 1968 | TOYO |
| 47 | Mitsui Toatsu Chemicals, Inc. | Osaka, Japan | 1,800 | TR-CI | 1969 | TOYO |
| 48 | Dawood Hercules Chemicals Ltd. | Lahore, Pakistan | 1,100 | TR-CI | 1971 | Fluor |
| 49 | Nippon Kasei Chemical Co., Ltd. | Fukushima, Japan | 900 | TR-CI | 1970 | TOYO |
| 50 | Nippon Ammonia Co., Ltd. | Chiba, Japan | 1,000 | TR-CI | 1971 | TOYO |

1. Urea plant (3/5)

| No. | Owner | Location | Daily Capacity (MT/D) | Process | *On stream | Main contractor |
|-----|---|----------------------------|-----------------------|---------|------------|--------------------------------------|
| 51 | T.V.A. | Alabama, U.S.A. | 180 | TR-CI | 1972 | H.K. Ferguson (Basic Eng'g :TOYO) |
| 52 | Zuari Agro Chemicals Ltd. | Goa, India | 1,140 | TR-C | 1973 | TOYO |
| 53 | Qatar Fertilizer Co. S.A.Q. | Doha, Qatar | 1,000 | TR-C | 1974 | Power Gas |
| 54 | BASF A.G. | Ludwigshafen, F.R. Germany | 800 | TR-CI | 1979 | TOYO |
| 55 | Southern Petrochemical Industries Corp., Ltd. | Tuticorin, India | 1,600 | TR-CI | 1975 | TOYO |
| 56 | Petroleos del Peru | Talara, Peru | 510 | TR-CI | 1975 | TOYO |
| 57 | P.T. Pupuk Sriwidjaja | Palembang, Indonesia | 1,150 | TR-CI | 1974 | TOYO |
| 58 | The Fertilizer Corp. of India Ltd. | Gorakhpur, India | 406 | TR-CI | 1975 | TOYO |
| 59 | FESA Fertilizantes Espanoles S.A. | Huelva, Spain | 500 | TR-CI | 1975 | Heredia y Moreno (Basic Eng'g :TOYO) |
| 60 | China National Technical Import Corp. | China | 1,600 | TR-CI | 1976 | TOYO |
| 61 | Fertilizantes Nitrogenados do Nordeste S.A. | Bahia, Brazil | 800 | TR-CI | 1978 | M.W. Kellogg (Basic Eng'g :TOYO) |
| 62 | China National Technical Import Corp. | China | 1,600 | TR-CI | 1976 | TOYO |
| 63 | P.T. Pupuk Sriwidjaja | Palembang, Indonesia | 1,725 | TR-CI | 1977 | TOYO |
| 64 | Namhae Chemical Corp. | Yeosu, Korea | 1,000 | TR-CI | 1977 | TOYO |
| 65 | National Fertilizers Ltd. | Bhatinda, India | 1,550 | TR-CI | 1979 | TOYO |
| 66 | National Fertilizers Ltd. | Panipat, India | 1,550 | TR-CI | 1979 | TOYO |
| 67 | P.T. Pupuk Sriwidjaja | Palembang, Indonesia | 1,725 | TR-CI | 1977 | TOYO |
| 68 | P.T. Pupuk Kujang | Cikampek, Indonesia | 1,725 | TR-CI | 1978 | TOYO |
| 69 | Showa Denko K.K. | Kanagawa, Japan | 800 (revamping) | TR-C | 1978 | TOYO |
| 70 | Fertilizantes Nitrogenados do Nordeste S.A. | Sergipe, Brazil | 1,100 | TR-CI | 1982 | TOYO |
| 71 | Fertilizantes Nitrogenados do Nordeste S.A. | Campos, Brazil | 1,100 | TR-CI | 1985 | TOYO |
| 72 | V/O Techmachimport | Permj, U.S.S.R. | 1,500 | TR-CI | 1981 | TOYO |
| 73 | Namhae Chemical Corp. | Yeosu, Korea | 1,000 | TR-CI | 1980 | TOYO |
| 74 | ICI India Ltd. | Kanpur, India | 682 | TR-CI | 1981 | TOYO |
| 75 | Petrochem Ltd. | Kapuni, New Zealand | 470 | TR-CI | 1983 | CPI/TOYO |

1. Urea plant (4/5)

| No. | Owner | Location | Daily Capacity (MT/D) | Process | *On stream | Main contractor |
|-----|---|----------------------------------|-----------------------|---------|------------|--|
| 76 | P.T. ASEAN Aceh Fertilizer | Aceh, Indonesia | 1,725 | TR-CI | 1983 | TOYO |
| 77 | Mitsui Toatsu Chemicals, Inc. | Chiba, Japan | 200 | TR-D | 1980 | TOYO |
| 78 | Korea Fertilizer & Chemicals Co., Ltd. | Ulsan, Korea | 600 | ACES | 1983 | TOYO |
| 79 | P.T. Pupuk Iskandar Muda | Aceh, Indonesia | 1,725 | TR-CI | 1984 | TOYO |
| 80 | Chittagong Urea Fertilizer Ltd. | Chittagong, Bangladesh | 1,700 | TR-D | 1987 | TOYO |
| 81 | FESA Fertilizantes Espanoles S.A. | Huelva, Spain | 750 | ACES | 1988 | Tecnicas Reunidas (Basic Eng'g :TOYO) |
| 82 | Urea Fertilizer Factory Ltd. | Ghorasal, Bangladesh | 1,422 | ACES | 1993 | TOYO |
| 83 | P.T. Pupuk Sriwidjaja | Palembang, Indonesia | 1,725 | ACES | 1994 | Rekayasa (Basic Eng'g :TOYO) |
| 84 | P.T. Petrokimia Gresik | Gresik, Indonesia | 1,400 | ACES | 1994 | IKPT (Basic Eng'g :TOYO) |
| 85 | P.T. Pupuk Sriwidjaja | Palembang, Indonesia | 1,725 | ACES | 1994 | PUSRI (Basic Eng'g :TOYO) |
| 86 | Weihe Chemical Fertilizer Plant | Shaanxi, China | 1,760 | ACES | 1996 | TOYO |
| 87 | Weixian Chemical Fertilizer Plant | Hebei, China | 180 | ACES | 1996 | TOYO |
| 88 | Pak-American Fertilizer Ltd. | Daudkhel, Pakistan | 1,050 | ACES | 1997 | TOYO |
| 89 | Engro Chemical Pakistan Ltd. | Daharki, Pakistan | 1,755 | ACES | 1998 | ECPL (Basic Eng'g :TOYO) |
| 90 | Chambal Fertilisers and Chemicals Ltd. | Gadepan, India | 2,350 | ACES | 1999 | TOYO |
| 91 | Petroleo Brasileiro S.A. (PETROBRAS) | Sergipe, Brazil | 1,800 | TR-CI | 1998 | Owner (Basic Eng'g :TOYO) |
| 92 | P.T. Pupuk Iskandar Muda | Aceh, Indonesia | 1,725 | ACES | 2005 | TOYO |
| 93 | P.T. Pupuk Kujang | Cikampek, Indonesia | 1,725 | ACES21® | 2005 | TOYO |
| 94 | Sichuan Chemical Works (Group) Ltd. | Chengdu, China | 2,460 | ACES21® | 2004 | Owner (Basic Eng'g :TOYO) |
| 95 | Chambal Fertilisers and Chemicals Ltd. | Gadepan, India | 3,300 | ACES | 2008 | PDIL (Basic Eng'g :TOYO) |
| 96 | Methanol Holdings (Trinidad) Limited | Point Lisas, Trinidad and Tobago | 2,100 | ACES21® | 2010 | MAN Ferrostaal AG (Basic/Detail: TOYO) |
| 97 | National Petrochemical Company | Shiraz, Iran | 3,250 | ACES21® | 2016 | PIDEC (Basic Eng'g: TOYO) |
| 98 | Petroquimica de Venezuela S.A. (PEQUIVEN) | Moron, Venezuela | 2,200 | ACES21® | 2014 | TOYO |
| 99 | Cuvenpeq.S.A | Cienfuegos, Cuba | 2,200 | ACES21® | PDP Issued | ---- |
| 100 | P.T. Pupuk Kalimantan Timur | Bontang, Indonesia | 3,500 | ACES21® | 2015 | TOYO |

1. Urea plant (5/5)

| No. | Owner | Location | Daily Capacity (MT/D) | Process | *On stream | Main contractor |
|-----|--|------------------------|-----------------------|---------|------------|-------------------------------|
| 101 | Jaiprakash Associates Limited | Kanpur, India | 3,850 | ACES21® | PDP Issued | Owner/EIL (Basic Eng'g: TOYO) |
| 102 | Yacimientos Petroliferos Fiscales Bolivianos | Carrasco, Bolivia | 2,100 | ACES21® | 2017 | SECL (Basic Eng'g: TOYO) |
| 103 | Indorama Eleme Fertilizer and Chemicals Limited | Port Harcourt, Nigeria | 4,000 | ACES21® | 2016 | TOYO |
| 104 | P.T. Pupuk Sriwidjaja Palembang | Palembang, Indonesia | 2,750 | ACES21® | 2016 | TOYO |
| 105 | P.T. Petrokimia Gresik | Gresik, Indonesia | 1,725 | ACES21® | 2018 | Wuhuan (Basic Eng'g: TOYO) |
| 106 | Chambal Fertilisers and Chemicals Ltd. | Gadepan, India | 4,000 | ACES21® | 2019 | TOYO |
| 107 | Masjed Soleyman Petrochemical Industries Company | Masjed Soleyman, Iran | 3,250 | ACES21® | 2021 | PIDEC (Basic Eng'g: TOYO) |
| 108 | Hindustan Urvarak and Rasayan Ltd. | Gorakhpur, India | 3,850 | ACES21® | 2022 | TOYO |
| 109 | Indorama Eleme Fertilizer and Chemicals Limited | Port Harcourt, Nigeria | 4,000 | ACES21® | 2021 | TOYO |
| 110 | P.T. Pupuk Sriwidjaja Palembang | Palembang, Indonesia | 2,750 | ACES21® | (2027) | Wuhuan (Basic Eng'g: TOYO) |

2. Urea granulation plant

| No. | Owner | Location | Daily capacity (MT/D) | On-Stream | Remarks (Urea plant capacity) |
|-----|--|------------------------|-----------------------|------------|-------------------------------|
| 1 | Mitsui Toatsu Chemicals, Inc. | Chiba, Japan | 50 | 1979 | (200 MT/D) |
| 2 | Petrochem Ltd. | Kapuni, New Zealand | 470 | 1983 | (470 MT/D) |
| 3 | Mitsui Toatsu Chemicals, Inc. | Osaka, Japan | 100 | 1983 | (1,800 MT/D) |
| 4 | SKW Piesteritz GmbH | Piesteritz, Germany | 1,200 | 1995 | (2,100 MT/D) |
| 5 | Petrochem Ltd. | Kapuni, New Zealand | 750 | 1996 | (750 MT/D) |
| 6 | SKW Piesteritz GmbH | Piesteritz, Germany | 500 | 1998 | (1,050 MT/D) |
| 7 | Ning Xia Chemical Works of SINOPEC | Ning Xia, China | 1,740 | 1999 | (1,740 MT/D) |
| 8 | P.T. Pupuk Iskandar Muda | Aceh, Indonesia | 1,725 | 2005 | (1,725 MT/D) |
| 9 | Lutianhua Group Incorporated (CNTIC) | Sichuan, China | 2,000 | 2000 | (2,000 MT/D) |
| 10 | Zhanyi Fertilizer Plant | Yunnan, China | 600 | 2002 | (600 MT/D) |
| 11 | Ningxia Petrochemical Co. | Ningxia, China | 870 | 2006 | (2,610 MT/D) |
| 12 | Shanxi Lanhua Sci-Tech Venture Co., Ltd. | Shanxi, China | 1,000 | 2007 | (1,000 MT/D) |
| 13 | Petroleo Brasileiro S.A. (PETROBRAS) | Laranjeiras, Brazil | 600 | 2007 | (1,800 MT/D) |
| 14 | JSC "Concern STIROL" | Gorlovka, Ukraine | 2,000 | 2008 | (---- MT/D) |
| 15 | PetroChina Tarim Petrochemical Company | Xinjiang, China | 2,640 | 2010 | (2,640 MT/D) |
| 16 | National Petrochemical Company | Shiraz, Iran | 3,250 | 2016 | (3,250 MT/D) |
| 17 | Petroquímica de Venezuela S.A. (PEQUIVEN) | Moron Venezuela | 2,200 | 2014 | (2,200 MT/D) |
| 18 | Vietnam Oil and Gas Group (PetroVietnam) | Ca Mau, Vietnam | 2,385 | 2012 | (2,385 MT/D) |
| 19 | JSC "Salavatnefteorgsintez" | Salavat, Russia | 1,400 | 2012 | (---- MT/D) |
| 20 | Cuvenpeq.S.A | Cienfuegos Cuba | 2,200 | PDP Issued | (2,200 MT/D) |
| 21 | P.T. Pupuk Kalimantan Timur | Bontang Indonesia | 3,500 | 2015 | (3,500 MT/D) |
| 22 | Yacimientos Petrolíferos Fiscales Bolivianos | Carrasco, Bolivia | 2,100 | 2017 | (2,100 MT/D) |
| 23 | Indorama Eleme Fertilizer and Chemicals Limited | Port Harcourt, Nigeria | 4,000 | 2016 | (4,000 MT/D) |
| 24 | Masjed Soleyman Petrochemical Industries Company | Masjed Soleyman, Iran | 3,250 | 2021 | (3,250 MT/D) |
| 25 | Indorama Eleme Fertilizer and Chemicals Limited | Port Harcourt, Nigeria | 4,000 | 2021 | (4,000 MT/D) |

3. Urea plant effluent (Process Condensate) treatment (1/2)

| No. | Owner | Location | Urea Plant (MT/D) | On-Stream | Remarks |
|-----|---|----------------------------------|-------------------|------------|-------------------------------|
| 1 | V/O Techmashimport | Permi, U.S.S.R. | 1,500 | 1981 | |
| 2 | Kemira B.V. | Rotterdam, Netherlands | 515 | 1982 | Urea Hydrolyzer = 30 MT/H |
| 3 | ICI India Ltd. | Kanpur, India | 3 x 682 | 1989 | Urea Hydrolyzer = 35 MT/H |
| 4 | Petrochem Ltd. | Kapuni, New Zealand | 470 | 1983 | |
| 5 | Chittagong Urea Fertilizer Ltd. | Chittagong, Bangladesh | 1,700 | 1989 | |
| 6 | Fertilizer Corp. of India Ltd. | Ramagundam, India | — | 1991 | Urea Hydrolyzer = 65 MT/H |
| 7 | Urea Fertilizer Factory Ltd. | Ghorasal, Bangladesh | 1,422 | 1993 | |
| 8 | P.T. Pupuk Sriwidjaja | Palembang, Indonesia | 1,725 | 1994 | |
| 9 | P.T. Petrokimia Gresik | Gresik, Indonesia | 1,400 | 1994 | |
| 10 | Weihe Chemical Fertilizer Plant | Shaanxi, China | 1,760 | 1996 | |
| 11 | Vneshtradeinvest J.V. | Nevinnomyssk, Russia | — | 1994 | Urea Hydrolyzer = 45 MT/H |
| 12 | P.T. Pupuk Sriwidjaja | Palembang, Indonesia | — | 1995 | Urea Hydrolyzer = 2 x 50 MT/H |
| 13 | Fesa Fertilizantes Espanoles S.A. | Huelva, Spain | 750 | 1997 | Urea Hydrolyzer = 17 MT/H |
| 14 | Pak-American Fertilizer Ltd. | Daudkhel, Pakistan | 1,050 | 1998 | |
| 15 | Chambal Fertilizers and Chemicals Ltd. | Gadepan, India | 2,350 | 1998 | |
| 16 | P.T. Pupuk Iskandar Muda | Aceh, Indonesia | 1,725 | 2005 | |
| 17 | Duncans Industries Ltd. | Kanpur, India | — | 2001 | Urea Hydrolyzer = 60 MT/H |
| 18 | P.T. Pupuk Kujang | Cikampek Indonesia | 1,725 | 2005 | |
| 19 | Mitsui Chemicals Inc. | Osaka, Japan | — | 2002 | Urea Hydrolyzer = 40 MT/H |
| 20 | Sichuan Chemical Works (Group) Ltd. | Chengdu, China | 2,460 | 2004 | |
| 21 | Samsung Fine Chemicals Co., Ltd. | Ulsan, Korea | 550 | 2003 | |
| 22 | Methanol Holdings (Trinidad) Limited | Point Lisas, Trinidad and Tobago | 2,100 | 2010 | |
| 23 | National Petrochemical Company | Shiraz, Iran | 3,250 | 2016 | |
| 24 | Petroquímica de Venezuela S.A. (PEQUIVEN) | Moron Venezuela | 2,200 | 2014 | |
| 25 | Cuvenpeq.S.A | Cienfuegos Cuba | 2,200 | PDP Issued | |

3. Urea plant effluent (Process Condensate) treatment (2/2)

| No. | Owner | Location | Urea Plant (MT/D) | On-Stream | Remarks |
|-----|--|---------------------------|-------------------|------------|---------|
| 26 | P.T. Pupuk Kalimantan Timur | Bontang Indonesia | 3,500 | 2015 | |
| 27 | Jaiprakash Associates Limited | Kanpur, India | 3,850 | PDP Issued | |
| 28 | Yacimientos Petrolíferos Fiscales Bolivianos | Carrasco, Bolivia | 2,100 | 2017 | |
| 29 | Indorama Eleme Fertilizer and Chemicals Limited | Port Harcourt, Nigeria | 4,000 | 2016 | |
| 30 | P.T. Pupuk Sriwidjaja Palembang | Palembang, Indonesia | 2,750 | 2016 | |
| 31 | P.T. Petrokimia Gresik | Gresik, Indonesia | 1,725 | 2018 | |
| 32 | Chambal Fertilisers and Chemicals Ltd. | Gadepan, India | 4,000 | 2019 | |
| 33 | Masjed Soleyman Petrochemical Industries Company | Masjed Soleyman, Iran | 3,250 | 2021 | |
| 34 | Hindustan Urvarak and Rasayan Ltd. | Gorakhpur, India | 3,850 | 2022 | |
| 35 | Indorama Eleme Fertilizer and Chemicals Limited | Port Harcourt, Nigeria | 4,000 | 2021 | |
| 36 | P.T. Pupuk Sriwidjaja Palembang | Palembang, Indonesia | 2,750 | (2027) | |

4. Melamine off-gas recovery plant combined with urea plant

| No. | Owner | Location | Melamine plant capacity (MT/Y) | Urea plant capacity (MT/D) | On-stream |
|-----|--|----------------------------------|--------------------------------|----------------------------|-----------|
| 1 | Mitsui Toatsu Chemicals, Inc. | Chiba, Japan | 8,000 | 200 | 1966 |
| 2 | Mitsui Toatsu Chemicals, Inc. | Osaka, Japan | 20,000 | 800 | 1971 |
| 3 | Kashima Melamine Co., Ltd. | Ibaraki, Japan | 30,000 | 1,400 | 1971 |
| 4 | Korea Fertilizer & Chemicals Co., Ltd. | Ulsan, Korea | 6,000 | 1,000 | 1973 |
| 5 | P.T. Pupuk Sriwidjaja | Palembang, Indonesia | 20,000 | 1,725 | 1994 |
| 6 | Sichuan Chemical Works (Group) Ltd. | Chengdu, China | 50,000 | 2,460 | 2004 |
| 7 | Samsung Fine Chemicals Co., Ltd. | Ulsan, Korea | 40,000 | 550 | 2002 |
| 8 | Methanol Holdings (Trinidad) Limited | Point Lisas, Trinidad and Tobago | 60,000 | 2,100 | 2010 |

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■TS Participações e Investimentos S.A.

TSPi has two affiliates: TSE is in charge of the onshore facilities EPC business and EBR is in charge of the offshore facilities EPC business

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As of December, 2023

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