

APPENDIX 4. ABBREVIATIONS AND ACRONYMS

AG	Amangedy Gas Limited Liability Partnership
AGDS	Automated gas distribution station
AGIS	Analytical geographic information system
AGP	Asia Gas Pipeline Limited Liability Partnership
AMP	Administrative and managerial personnel
APCS	Advance process control system
APG	Associated petroleum gas
AR	Annual report
AR	Ayrau Refinery Limited Liability Partnership
BASF	Badische Anilin- & Soda-Fabrik, the largest chemical group in the world
BC	Business centre
bln	Billion(s)
BoD	Board of Directors
BP	British Petroleum
BPD	Bird protection devices
BSGP	Beineu-Shymkent Gas Pipeline Limited Liability Partnership
CAPEX	Capital expenditure
CB	Joint venture CASPI BITUM Limited Liability Partnership
CC	Corporate Centre
CC	Crisis centre
CD&ES	Civid defence and emergency situations
CDP	Carbon Disclosure Project
CFS	Consolidated financial statements
CMT	Crisis management teams of JSC NC "KazMunayGas"
CNG	Compressed natural gas
COVID-19	Coronavirus Disease 2019
CPC	Caspian Pipeline Consortium Limited Liability Partnership
CRMS	Corporate risk management system
CS	Compressor station
CSC	Computer simulator complex
CVI	Coronavirus infection
DAPICG	Detailed Action Plan to Improve Corporate Governance at KMG for 2019–2020
DBK	Joint Stock Company Development Bank of Kazakhstan
DCS	Distributed control system
DED	Design-and-estimate documentation
DWPT	"Department of the water production and transportation" Limited Liability Partnership
EI	Electronic invoice
EIA	Environmental impact assessment
EITI	Extractive Industries Transparency Initiative
EMG	Embamunaygas Joint Stock Company
EOSR	Emergency oil spill response
EP	JSC KazMunaiGas Exploration Production

ERP	Enterprise Resource Planning
ES	Emergency situation
ESG	Environmental, Social, and Governance
ETE	Engineering and technical employees
FAR	Fatal Accident Rate (per 100 million man-hours)
FERs	Fuel and energy resources
FS	Feasibility study
GMI	Global Methane Initiative
GMS	Gas-measuring station
GRI	Global Reporting Initiative
GWS	Goods, works, and services
H&S	Health and safety
HCS	Hydrocarbons
HF	Hydraulic fracturing
HSE	Health, Safety and Environment
HSE	Health, safety, and environmental protection
HSE	Health, safety, industrial and fire safety, environmental protection, emergency prevention
HSE	Occupational health, safety, and environmental protection
HSESDC	Health, Safety, Environment and Sustainable Development Committee of the Board of Directors of JSC NC "KazMunayGas"
IAOT	International Association of Oil Transporters
ICA	Intergas Central Asia Joint Stock Company
IFRS	International Financial Reporting Standards
IGCC	Integrated gas chemical complex
IOGP	International Association of Oil & Gas Producers
IPIECA	International Petroleum Industry Environmental Conservation Association
ITS	Information trust system
IUCN	International Union for Conservation of Nature
IUCN	International Union for Conservation of Nature
JSC	Joint Stock Company
KazGPP	Kazakh Gas Processing Plant Limited Liability Partnership
KBM	JSC Karazhanbasmunay
KCP	Kazakhstan-China Pipeline Limited Liability Partnership
KGM	Joint venture Kazgermunai Limited Liability Partnership
KMG	Joint-Stock Company "National Company "KazMunayGas"
KMGE	KazMunayGas Engineering Limited Liability Partnership
KMGI	KMG International N.V.
KMTF	National Maritime Shipping Company "Kazmortransflot" Limited Liability Partnership
KOA	KazakhOil Aktobe Joint Stock Company
KPI	Kazakhstan Petrochemical Industries Inc.
KPI	Key performance indicator
KSCS	Kazakhstan sector of the Caspian Sea
KTG	KazTransGas Joint Stock Company
KTGA	KazTransGas Aimak Joint Stock Company

KTGO	KazTransGas Onimderi Limited Liability Partnership
KTM	Kazakhturkmunay Limited Liability Partnership
KTO	KazTransOil Joint Stock Company
LLP	Limited Liability Partnership
LTIR	Lost Time Injury Rate (per million man-hours)
MBA	Master of Business Administration
MCV	Modular Capture Vessel
MGDS	Main gas distribution station
mln	Million(s)
MMG	Mangistaumunaigas Joint Stock Company
MS	Maangement system
MT	MunaiTas North-West Pipeline Company Limited Liability Partnership
NC	National company
NMSC	National Maritime Shipping Company
NR	Nature reserve
NRC	Nomination and Remuneration Committee of the Board of Directors of JSC NC "KazMunayGas"
OCC	Oil Construction Company Limited Liability Partnership
OCIMF	Oil Companies International Marine Forum
OCR	Oil chemistry refinery
OMG	Ozenmunaigaz Joint Stock Company
OPEC	Organization of the Petroleum Exporting Countries
OPL	Overhead power lines
OR	Oil refinery
OSC	Oil Service Company Limited Liability Partnership
OSHA	Occupational Safety and Health Administration
OSRL	Oil Spill Response Limited
OTC	Oil Transport Corporation Limited Liability Partnership
PC	Personal computer
PCS	Procurement Category Strategy
PJSC	Public joint stock company
PKI	PetroKazakhstan Inc.
PKOP	PetroKazakhstan Oil Products Limited Liability Partnership (Shymkent Oil Refinery)
POCR	Pavlodar Oil Chemistry Refinery Limited Liability Partnership
PPE	Personal protective equipment
PRC	People's Republic of China
PS	Pump station
PwC	PricewaterhouseCoopers
RES	Renewable energy sources
RoC MA	Republic of Kazakhstan Ministry of Agriculture
RoK	Republic of Kazakhstan
RPM	Reservoir pressure maintenance
RTA	Road traffic accident

S&P	Standard and Poor's
SACs	Subsidiaries and affiliates
SDG	United Nations Sustainable Development Goals
SDM	Meeting of the KMG Board of Directors and Management Board on Sustainable Development Issues
SIEC	Specialized Interdistrict Economic Court
SNR	State nature reserve
SoE	State of emergency
SR	Sustainability report
SSDR	Semi-submersible drilling rig
TAP	Tax accounting policy
TCO FGP	Tengiz field future growth project
TS	Training centre
UN	United Nations
UNGC	United Nations Global Compact
UNESCO	United Nations Educational, Scientific and Cultural Organization
UTTIOS	"Upravleniye Tekhnologicheskogo Transporta i Obsluzhivaniya Skvazhin" LLP
WDP	Water Disclosure Project
WWF	World Wildlife Fund
WVO	Well workover

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