

APPENDIX 4 ABBREVIATIONS AND ACRONYMS

ADNOC	Abu Dhabi National Oil Company
AG	Amangeldy Gas Limited Liability Partnership
AGIS	Analytical Geographic Information System
AGP	Asia Gas Pipeline Limited Liability Partnership
AGDS	Automated Gas Distribution Station
AMP	Administration & Management Personnel
APG	Associated Petroleum Gas
APCS	Advanced Process Control System
AR	Atyrau Refinery Limited Liability Partnership
AR	Annual Report
BASF	Badische Anilin- & Soda-Fabrik, world-largest chemical holding
BC	Business Center
bln	Billion(s)
BoD	Board of Directors
BP	British Petroleum
BPD	Bird Protection Device
BSGP	Beineu-Shymkent Gas Pipeline Limited Liability Partnership
CAPEX	Capital Expenditure
CAS	Computer-Aided Simulators
CB	CASPI BITUM Joint Venture Limited Liability Partnership
CC	CC Corporate Centre
CDP	Carbon Disclosure Project
CD&E	Civil Defence and Emergencies
CFS	Consolidated Financial Statements
CNG	Compressed Natural Gas
COVID	Coronavirus Infection
CMT	Crisis Management Teams of JSC NC “KazMunayGas”
CPC	Caspian Pipeline Consortium Limited Liability Partnership
CRMS	Corporate Risk Management System
CS	Compressor Station
DCGIP	KMG’s 2019-2020 Detailed Corporate Governance Improvement Plan
DCS	Distributed Control System
DED	Design and Estimate Documentation
EIA	Environmental Impact Assessment
EITI	Extractive Industries Transparency Initiative
EMG	Embamunaygas Joint Stock Company

EOC	Emergency Operations Centre
EOSR	Emergency Oil Spill Response
EP	KazMunayGas Exploration & Production Joint Stock Company
ERP	Enterprise Resource Planning
ES	Emergency Situation
ESG	Environmental, Social, and Governance
E&T	Engineers and Technicians
ETI	Electronic Tax Invoice
FAR	Fatal Accident Rate per 100 million man-hours
FER	Fuel and Energy Resources
FS	Feasibility Study
GMS	Gas Metering Station
GMI	Global Methane Initiative
GRI	Global Reporting Initiative
GWS	Goods, Works and Services
HAZOP	Hazard and Operability Analysis
HCS	Raw Hydrocarbons
HF	Hydraulic Fracturing
HIS	Helpline Information System
HSE	Health, Safety and Environment
HSE	Health, safety, industrial and fire safety, environmental protection, emergency prevention
HSESC	Health, Safety, Environment and Sustainability Committee of KMG's Board of Directors
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
IUCN	International Union for Conservation of Nature
JSC	Joint-Stock Company
KazGPP	Kazakh Gas Processing Plant Limited Liability Partnership
KBM	Karazhanbasmunay Joint Stock Company
KCP	Kazakhstan-China Pipeline Limited Liability Partnership
KDB	Kazakhstan Development Bank Joint-Stock Company
KGM	Kazgermunai Joint Venture Limited Liability Partnership
KMG	Joint-Stock Company National Company "KazMunayGas"
KMGE	KazMunayGas Engineering Limited Liability Partnership
KMTF	National Maritime Shipping Company "Kazmortransflot" LLP
KMGI	KMG International N.V.

KOA	KazakhOil Aktobe Limited Liability Partnership
KPI	Key Performance Indicator
KPI	Kazakhstan Petrochemical Industries Inc.
KSCS	Kazakhstan Sector of the Caspian Sea
KTG	Joint Stock Company "KazTransGas" / Joint Stock Company "National Company "KazTransGas" / Joint Stock Company "National Company "QazaqGaz"
KTGA	KazTransGas Aimak Joint Stock Company
KTGO	KazTransGas Onimderi Limited Liability Partnership
KTM	Kazakhturkmunay Limited Liability Partnership
KTO	Joint Stock Company "KazTransOil"
LDAR	Methane leak detection and repair program
LLP	Limited Liability Partnership
LSS	Lean 6 Sigma
LOTO	Lockout/tagout procedure
LTIR	Lost Time Injury Rate per 1 million man-hours
MBA	Master of Business Administration
MCV	Special Multi-Functional Vessel
MGDS	Main Gas Distribution Station
mIn	Million(s)
MMG	MangistauMunaiGas Joint Stock Company
MS	Management System
MT	MunayTas North-West Pipeline Company Limited Liability Partnership
NC	National Company
NMSC	National Maritime Shipping Company
NPZ	Refinery
N&RC	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
OHP	Overhead Power Lines
OHS	Occupational Health and Safety
OHSE	Occupational Health, Safety and Environment
OMG	Ozenmunaigaz Joint Stock Company
OPEC	Organisation of Petroleum Exporting Countries
OPS	Oil Pumping Station
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
PCP	Petrochemical Plant
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
PTC	Personnel Training Centre
PwC	PricewaterhouseCoopers
RES	Renewable Energy Sources
RoK	Republic of Kazakhstan
RoK MoA	Ministry of Agriculture of the Republic of Kazakhstan
RPM	Reservoir Pressure Maintenance
RTA	Road Traffic Accident
SDE	Subsidiaries and Dependent Entities
SDG	United Nations Sustainable Development Goals
SDM	Sustainable Development Meeting of KMG’s Board of Directors and Management Board
SE	State of Emergency
SIDEC	Specialized Interdistrict Economic Court
SNR	State Nature Reserve
S&P	Standard and Poor’s
SPE	Society of Petroleum Engineers
SPNA	Specially Protected Natural Area
SR	Sustainability Report
SSC	KMG’s Shared Service Centre
SSDR	Semi-Submersible Drilling Rig
TAP	Tax Accounting Policy
TCO FGP	Tengizchevroil Future Growth Project
TR CU	Technical Regulations of the Customs Union
UDTV	Water Production and Transportation Department Limited Liability Partnership
UN	United Nations
UNESCO	United Nations Educational Scientific and Cultural Organisation
UNGC	United Nations Global Compact
UTTIOS	Process Transport and Well Servicing Department Limited Liability Partnership
WDP	Water Disclosure Project
WO	Well Workover
WWF	World Wildlife Fund

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