

GRI Content Index

GRI Standard	Disclosure	Page number (s) and/or URL (s)	Omissions/Remark	External Assurance	SDGs	UNGC
<b>General Disclosures</b>						
GRI 102: General Disclosures 2016	102-1 Name of the organization	Cover, 379, Back Cover	-	-	-	-
	102-2 Activities, brands, products and services	2-7	Remark: IRPC did not sell any banned or disputed products in 2021	-	-	-
	102-3 Location of headquarters	Back Cover	-	-	-	-
	102-4 Location of operations	67-71, 185	-	-	-	-
	102-5 Ownership and legal form	Website	<a href="https://www.irpc.co.th/en/en-home/">https://www.irpc.co.th/en/en-home/</a>	-	-	-
	102-6 Markets served	67-79	-	-	-	-
	102-7 Scale of the organization	12-13	-	-	-	-
	102-8 Information on employees and other workers	134-139 Performance summary page 3-11	Remark: Majority of IRPC's workforce are employees and supervised workers. Significant variation in employment numbers and changes during the reporting year because of Noah Project. <a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a>	-	8	-
	102-9 Supply chain	Website	<a href="https://www.irpc.co.th/en/sustain_post/sustainable-supply-chain/">https://www.irpc.co.th/en/sustain_post/sustainable-supply-chain/</a>	-	-	2
	102-10 Significant changes to the organization and its supply chain	This page	Remark: No significant changes (i.e. location, operation, share capital structure, supply chain, etc.) during the reporting year.	-	-	2
	102-11 Precautionary principle or approach	101-107	-	-	-	-
	102-12 External initiatives	194-219	-	-	-	-

	102-13 Membership or associations	Website	<a href="https://www.irpc.co.th/en/sustain_post/business-ethics-and-transparency/">https://www.irpc.co.th/en/sustain_post/business-ethics-and-transparency/</a>	-	-	-
GRI 102: General Disclosures 2016 (Strategy)	102-14 Statement from senior decision-maker	26-27	-	-	-	19
	102-15 Key impacts, risks, and opportunities	101-107, 115	-	-	-	19
GRI 102: General Disclosures 2016 (Governance)	102-16 Values, principles, standards and norms of behavior	3	-	-	16	12-14
	102-17 Mechanisms for advice and concerns about ethics	194-219	-	-	16	12-14
GRI 102: General Disclosures 2016 (Governance)	102-18 Governance structure	220-238	-	-	-	1, 20
	102-19 Delegating authority	220-238	-	-	-	1, 20
	102-20 Executive-level responsibility for economic, environmental, and social topics	220-238	-	-	-	1, 20
	102-21 Consulting stakeholders on economic, environmental, and social topics	112-114	-	-	16	1, 20
	102-22 Composition of the highest governance body and its committees	220-238	-	-	16	1, 20
	102-23 Chair of the highest governance body	220-238	-	-	-	1, 20
	102-24 Nominating and selecting the highest governance body	220-238	-	-	16	1, 20

	102-25 Conflicts of interest	Website	<a href="https://www.irpc.co.th/en/sustain_post/business-ethics-and-transparency/">https://www.irpc.co.th/en/sustain_post/business-ethics-and-transparency/</a>	-	16	1, 2, 20
	102-26 Role of highest governance body in setting purpose, values, and strategy	228	-	-	-	1, 20
	102-27 Collective knowledge of highest governance body	Website	<a href="https://www.irpc.co.th/en/sustain_post/corporate-governance/">https://www.irpc.co.th/en/sustain_post/corporate-governance/</a>	-	4	1, 20
	102-28 Evaluating the highest governance body's performance	239	-	-	-	1, 20
	102-29 Identifying and managing economic, environmental, and social impacts	102-107	Risk Factors Facing IRPC's Businesses	-	16	1, 20
	102-30 Effectiveness of risk management processes	102-107	Risk Factors Facing IRPC's Businesses	-	-	1, 20
GRI 102: General Disclosures 2016 (Governance)	102-31 Review of economic, environmental, and social topics	102-107, 115-117	Risk Factors Facing IRPC's Businesses, IRPC Materiality Assessment	-	-	1, 20
	102-32 Highest governance body's role in sustainability reporting	Website	<a href="https://www.irpc.co.th/en/page/corporate/corporate-governance/">https://www.irpc.co.th/en/page/corporate/corporate-governance/</a>	-	-	1, 20
	102-33 Communicating critical concerns	Website	<a href="https://www.irpc.co.th/en/sustain_post/corporate-governance/">https://www.irpc.co.th/en/sustain_post/corporate-governance/</a>	-	-	1, 20
	102-34 Nature and total number of critical concerns	Website	<a href="https://www.irpc.co.th/en/sustain_post/corporate-governance/">https://www.irpc.co.th/en/sustain_post/corporate-governance/</a>	-	-	1, 20
	102-35 Remuneration policies	199	<a href="https://www.irpc.co.th/en/sustain_post/corporate-governance/">https://www.irpc.co.th/en/sustain_post/corporate-governance/</a>	-	-	1, 20
GRI 102: General Disclosures	102-40 List of stakeholder groups	113-114	-	-	-	-

2016 (Stakeholder Engagement)	102-41 Collective bargaining agreements	271	<a href="https://www.irpc.co.th/en/sustainability_post/human-rights/">https://www.irpc.co.th/en/sustainability_post/human-rights/</a>	-	-	21
	102-42 Identifying and selecting stakeholders	113-114	-	-	8	-
	102-43 Approach to stakeholder engagement	113-114	-	-	-	21
	102-44 Key topics and concerns raised	113-114	-	-	-	21
GRI 102: General Disclosures 2016 (Reporting Practice)	102-45 Entities included in the consolidated financial statements	379	-	-	-	-
	102-46 Defining report content and topic boundaries	379	-	-	-	-
	102-47 List of material topics	116-117	-	-	-	-
	102-48 Restatements of information	116-117	-	-	-	-
	102-49 Changes in reporting	379	Remark: No significant changes in scope and boundary from previous reporting periods.	-	-	-
	102-50 Reporting period	379	-	-	-	-
	102-51 Date of most recent report	379	-	-	-	-
	102-52 Reporting cycle	379	Remark: IRPC publishes Corporate Sustainability Report annually.	-	-	-
	102-53 Contact point for questions regarding the report	Back cover	-	-	-	-
GRI 102: General Disclosures 2016	102-54 Claims of reporting in accordance with the GRI Standards	379	-	-	-	-

(Reporting Practice)	102-55 GRI content index	This file	-	-	-
	102-56 External assurance	380-381	Remark: IRPC engages KPMG Phoomchai Audit Ltd. to provide limited independent assurance service to IRPC's 2021 Corporate Annual report (1.3 Business-driven Sustainability). IRPC has process to ensure transparent external assurance.	-	-

## Materials Topics

### Sustainable Supply Chain

GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	Website	<a href="https://www.irpc.co.th/en/sustainability_post/sustainable-supply-chain/">https://www.irpc.co.th/en/sustainability_post/sustainable-supply-chain/</a>	-	-	-
	103-2 The management approach and its components	Website	<a href="https://www.irpc.co.th/en/sustainability_post/sustainable-supply-chain/">https://www.irpc.co.th/en/sustainability_post/sustainable-supply-chain/</a>	-	-	-
	103-3 Evaluation of the management approach	Website	<a href="https://www.irpc.co.th/en/sustainability_post/sustainable-supply-chain/">https://www.irpc.co.th/en/sustainability_post/sustainable-supply-chain/</a>	-	-	-
GRI 204: Procurement Practices 2016	204-1: Proportion of spending on local suppliers	Website	<a href="https://www.irpc.co.th/en/sustainability_post/sustainable-supply-chain/">https://www.irpc.co.th/en/sustainability_post/sustainable-supply-chain/</a>	-	12	2
GRI 205: Anti-corruption	205-1 Operations assessed for risks related to corruption	Website	<a href="https://www.irpc.co.th/en/sustainability_post/sustainable-supply-chain/">https://www.irpc.co.th/en/sustainability_post/sustainable-supply-chain/</a>	-	-	-
	205-2: Communication and training about anti-corruption policies and procedures	Website	<a href="https://www.irpc.co.th/en/sustainability_post/sustainable-supply-chain/">https://www.irpc.co.th/en/sustainability_post/sustainable-supply-chain/</a>	-	-	-
	205-3 Anti-corruption	This Page	Remark: IRPC did not experience any cases of corruption and bribery in 2021. IRPC is accredited as a member in private sector collective action Coalition Against Corruption (CAC) from Anti-Corruption Organization Thailand, in which IRPC is required to report any cases of corruption. <a href="https://www.irpc.co.th/en/sustainability_post/sustainable-supply-chain/">https://www.irpc.co.th/en/sustainability_post/sustainable-supply-chain/</a>			

			n_post/sustainable-supply-chain/			
GRI 206: Anti-competitive Behavior	206-1 Anti-competitive behavior	This Page	Remark: IRPC did not experience any cases of anticompetitive behaviors in 2021. For reporting of anti-competitive practices, IRPC Provides; 1) Whistleblower System; 2) Submission of feedbacks to website and 3) Annual Reputation Survey. From these several channels IRPC did not experience any cases of anticompetitive behaviors in 2021 and IRPC is not involved in any ongoing anticompetitive cases. <a href="https://www.irpc.co.th/en/sustainable-post/sustainable-supply-chain/">https://www.irpc.co.th/en/sustainable-post/sustainable-supply-chain/</a>			
GRI 308: Supplier Environmental Assessment 2016	308-1: New suppliers that were screened using environmental criteria	Website	<a href="https://www.irpc.co.th/en/sustainable-post/sustainable-supply-chain/">https://www.irpc.co.th/en/sustainable-post/sustainable-supply-chain/</a>	-	-	2, 9-11
GRI 414: Supplier Social Assessment 2016	414-1: New suppliers that were screened using social criteria	Website	<a href="https://www.irpc.co.th/en/sustainable-post/sustainable-supply-chain/">https://www.irpc.co.th/en/sustainable-post/sustainable-supply-chain/</a>	-	-	2, 9-11
<b>Customer Relationship Management</b>						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	Website	<a href="https://www.irpc.co.th/en/sustainable-post/customer-relationship-management/">https://www.irpc.co.th/en/sustainable-post/customer-relationship-management/</a>	-	-	-
	103-2 The management approach and its components	Website	<a href="https://www.irpc.co.th/en/sustainable-post/customer-relationship-management/">https://www.irpc.co.th/en/sustainable-post/customer-relationship-management/</a>	-	-	-
	103-3 Evaluation of the management approach	Website	<a href="https://www.irpc.co.th/en/sustainable-post/customer-relationship-management/">https://www.irpc.co.th/en/sustainable-post/customer-relationship-management/</a>	-	-	-
GRI 416: Customer Health and Safety	416-2 Incidents of non-compliance concerning the health and safety impacts of products and services	Website	<a href="https://www.irpc.co.th/en/sustainable-post/customer-relationship-management/">https://www.irpc.co.th/en/sustainable-post/customer-relationship-management/</a>	-	16	-

GRI 417: Marketing and Labelling 2016	417-3 Incidents of non-compliance concerning marketing communications	Website	<a href="https://www.irpc.co.th/en/sustainability_post/customer-relationship-management/">https://www.irpc.co.th/en/sustainability_post/customer-relationship-management/</a>	-	16	-
GRI 418: Customer Privacy 2016	418-1 Substantiated complaints concerning breaches of customer privacy and losses of customer data	Website	<a href="https://www.irpc.co.th/en/sustainability_post/customer-relationship-management/">https://www.irpc.co.th/en/sustainability_post/customer-relationship-management/</a>	-	16	-
GRI 419: Socioeconomic Compliance 2016	419-1 Non-compliance with laws and regulations in the social and economic area	Website	<a href="https://www.irpc.co.th/en/sustainability_post/customer-relationship-management/">https://www.irpc.co.th/en/sustainability_post/customer-relationship-management/</a>	-	16	-
<b>Innovation for Sustainability</b>						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	123-128	-	-	-	-
	103-2 The management approach and its components	123-128	-	-	-	-
	103-3 Evaluation of the management approach	123-128	-	-	-	-
IRPC's own indicator	Percentage of petrochemical revenue invested in research and development	124	-	-	-	-
	Percentage of sales of specialty products by petrochemical revenue	124	-	-	-	-
<b>Human Resource Management</b>						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	134	-	-	-	-
	103-2 The management approach and its components	134 and Website	<a href="https://www.irpc.co.th/en/sustainability_post/human-resources-management/">https://www.irpc.co.th/en/sustainability_post/human-resources-management/</a>	-	-	-

	103-3 Evaluation of the management approach	134-139	-	-	-	-
GRI 401: Employment † 2016	401-1 New employee hires and employee turnover	Website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021-Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021-Performance-Eng.pdf</a> page 3-11	-	8	6-8
	401-3 Parental leave	Website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021-Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021-Performance-Eng.pdf</a> page 3-11	-	8	6-8
GRI 404: Training and Education 2016	404-1 Average hours of training per year per employee	Website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021-Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021-Performance-Eng.pdf</a> page 3-11	-	4, 8	6-8
	404-2 Programs for upgrading employee skills and transition assistance programs	137-138	-	-	8	6-8
	404-3 Percentage of employees receiving regular performance and career development reviews	139	-	-	5, 8	-
GRI 405: Diversity and Equal Opportunity 2016	405-1 Diversity of governance bodies and employees	138	-	-	5	-
	405-2 Ratio of basic salary and remuneration of women to men	Website	<a href="https://www.irpc.co.th/en/sustain_post/human-resources-management/">https://www.irpc.co.th/en/sustain_post/human-resources-management/</a>	-	5	-

### Occupational Health and Safety

GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	Website	<a href="https://www.irpc.co.th/en/sustain_post/occupational-health-and-safety/">https://www.irpc.co.th/en/sustain_post/occupational-health-and-safety/</a>	-	-	-
	103-2 The management approach and its components	Website	<a href="https://www.irpc.co.th/en/sustain_post/occupational-health-and-safety/">https://www.irpc.co.th/en/sustain_post/occupational-health-and-safety/</a>	-	-	-
	103-3 Evaluation of the management approach	Website	<a href="https://www.irpc.co.th/en/sustain_post/occupational-health-and-safety/">https://www.irpc.co.th/en/sustain_post/occupational-health-and-safety/</a>	-	-	-



GRI 403: Occupational Health and Safety 2018	403-1 Occupational health and safety management system	Website	<a href="https://www.irpc.co.th/en/sustainability_post/occupational-health-and-safety/">https://www.irpc.co.th/en/sustainability_post/occupational-health-and-safety/</a>	/	8	6-8
	403-2 Hazard identification, risk assessment, and incident investigation	Website	<a href="https://www.irpc.co.th/en/sustainability_post/occupational-health-and-safety/">https://www.irpc.co.th/en/sustainability_post/occupational-health-and-safety/</a>	-	3, 8	2, 6-8
	403-3 Occupational health services	Website	<a href="https://www.irpc.co.th/en/sustainability_post/occupational-health-and-safety/">https://www.irpc.co.th/en/sustainability_post/occupational-health-and-safety/</a>		8	6-8
	403-4 Worker participation, consultation, and communication on occupational health and safety	Website	<a href="https://www.irpc.co.th/en/sustainability_post/occupational-health-and-safety/">https://www.irpc.co.th/en/sustainability_post/occupational-health-and-safety/</a>	-	8	6-8
	403-5 Worker training on occupational health and safety	Website	<a href="https://www.irpc.co.th/en/sustainability_post/occupational-health-and-safety/">https://www.irpc.co.th/en/sustainability_post/occupational-health-and-safety/</a>	-	8	6-8
	403-6 Promotion of worker health	Website	<a href="https://www.irpc.co.th/en/sustainability_post/occupational-health-and-safety/">https://www.irpc.co.th/en/sustainability_post/occupational-health-and-safety/</a>	-	8	6-8
	403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Website	<a href="https://www.irpc.co.th/en/sustainability_post/occupational-health-and-safety/">https://www.irpc.co.th/en/sustainability_post/occupational-health-and-safety/</a>	-	8	6-8
	403-9 Work-related injuries	Website	<a href="https://www.irpc.co.th/en/sustainability_post/occupational-health-and-safety/">https://www.irpc.co.th/en/sustainability_post/occupational-health-and-safety/</a> <a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> page 11-12	/	-	6-8
	403-10 Work-related ill health	Website	<a href="https://www.irpc.co.th/en/sustainability_post/occupational-health-and-safety/">https://www.irpc.co.th/en/sustainability_post/occupational-health-and-safety/</a> <a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> page 11-12	/	-	6-8
	G4-Oil and Gas Sector Disclosure:	G4-OG13 Number of process safety	Website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-</a>	/	3, 6, 8, 11

Asset Integrity and Process Safety 2012	events, by business activity		<a href="#">SR-2021_Performance-Eng.pdf</a> page 11-12			
<b>Social Well-Being</b>						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	140-145 and Website	- <a href="https://www.irpc.co.th/en/sustainability_post/social-well-being/">https://www.irpc.co.th/en/sustainability_post/social-well-being/</a>	-	-	-
	103-2 The management approach and its components	140-145 and Website	- <a href="https://www.irpc.co.th/en/sustainability_post/social-well-being/">https://www.irpc.co.th/en/sustainability_post/social-well-being/</a>	-	-	-
	103-3 Evaluation of the management approach	140-145 and Website	- <a href="https://www.irpc.co.th/en/sustainability_post/social-well-being/">https://www.irpc.co.th/en/sustainability_post/social-well-being/</a>	-	-	-
GRI 201: Economic Performance 2016	201-1 Direct economic value generated and distributed	145 and Website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> pge 23	-	-	-
GRI 203: Indirect Economic Impacts 2016	203-1 Infrastructure investments and services supported	145		-	-	-
G4-Oil and Gas Sector Disclosure: Indirect Economic Impacts 2016	G4-EC7 Development and impact of infrastructure investments and services supported	-	-	-	-	-
GRI 413: Local Communities 2016	413-1 Operations with local community engagement, impact assessments, and development programs	This page	Remark: 100% of operation has local community engagement program and formal grievance process. Environmental and social impact assessment are conducted at all eligible operations in line with local regulatory standards.  <a href="https://www.irpc.co.th/en/sustainability_post/social-well-being/">https://www.irpc.co.th/en/sustainability_post/social-well-being/</a>  <a href="https://www.irpc.co.th/en/sustainability_post/environment-impact-assessment-and-monitoring-result/">https://www.irpc.co.th/en/sustainability_post/environment-impact-assessment-and-monitoring-result/</a>	-	-	-

G4-Oil and Gas Sector Disclosure: Local Communities 2012	G4-OG10 Number and description of significant disputes with local communities and indigenous peoples	-	-	-	-	-
	G4-OG11 Number of sites that have been decommissioned and site that are in the process of being decommissioned	This page	Remark: There is no site that have been decommissioned and in the process of being decommissioned.	-	-	-

### Human Rights

GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	215-217 and Website	<a href="https://www.irpc.co.th/en/sustainability_post/human-rights/">https://www.irpc.co.th/en/sustainability_post/human-rights/</a>	-	-	-
	103-2 The management approach and its components	215-217 and Website	<a href="https://www.irpc.co.th/en/sustainability_post/human-rights/">https://www.irpc.co.th/en/sustainability_post/human-rights/</a>	-	-	-
	103-3 Evaluation of the management approach	215-217 and Website	<a href="https://www.irpc.co.th/en/sustainability_post/human-rights/">https://www.irpc.co.th/en/sustainability_post/human-rights/</a>	-	-	-
GRI 412: Human Rights Assessment 2016	412-1 Operations that have been subject to human rights reviews or impact assessments	215-217 and Website	<a href="https://www.irpc.co.th/en/sustainability_post/human-rights/">https://www.irpc.co.th/en/sustainability_post/human-rights/</a>	-	-	-
	412-2 Employee training on human rights policies or procedures	215-217 and Website	<a href="https://www.irpc.co.th/en/sustainability_post/human-rights/">https://www.irpc.co.th/en/sustainability_post/human-rights/</a>	-	-	-

### Operational Eco-Efficiency

GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	Website	<a href="https://www.irpc.co.th/en/sustainability_post/operational-eco-efficiency/">https://www.irpc.co.th/en/sustainability_post/operational-eco-efficiency/</a>	-	-	-
	103-2 The management approach and its components	150-154	<a href="https://www.irpc.co.th/en/sustainability_post/operational-eco-efficiency/">https://www.irpc.co.th/en/sustainability_post/operational-eco-efficiency/</a>	-	-	-
	103-3 Evaluation of the management approach	150-154	<a href="https://www.irpc.co.th/en/sustainability_post/operational-eco-efficiency/">https://www.irpc.co.th/en/sustainability_post/operational-eco-efficiency/</a>	-	-	-

GRI 301: Materials 2016	301-1 Materials used by weight or volume	Website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Environment	.	7, 8, 12, 13	9-11
GRI 302: Energy 2016	302-1 Energy consumption within the organization	150-151, website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Energy consumption	/	7, 8, 12, 13	9-11
	302-3 Energy intensity	150-151, website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Energy consumption	-	7, 8, 12, 13	9-11
	302-4 Reduction of energy consumption	150-151, website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Energy consumption	-	7, 8, 12, 13	9-11
GRI 303: Water and Effluents 2018	303-3 Water withdrawal	152-153, website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Water Consumption and Wastewater	/	6	9-11
	303-4 Water discharge	152-153, website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Water Consumption and Wastewater	/	6	9-11
	303-5 Water consumption	152-153, website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Water Consumption and Wastewater	/	6	9-11
GRI 305: Emissions 2016	305-1 Direct (Scope 1) GHG emissions	155-156, website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Greenhouse Gas	/	3, 12, 13	9-11
	305-2 Energy indirect (Scope 2) GHG emissions	155-156, website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Greenhouse Gas	/	3, 12, 13	9-11
	305-3 Other indirect (Scope 3) GHG emissions	website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a>	/	3, 12, 13	2, 9-11

			: Performance : Greenhouse Gas			
	305-4 GHG emissions intensity	155-156, website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Greenhouse Gas	-	13	9-11
	305-6 Emissions of ozone-depleting substances (ODS)	This page	Omission: Information is not applicable to IRPC because the company is in the process of phasing out the usage of the ozone-depleting substances (ODS).	-	3, 12	9-11
	305-7 Nitrogen oxides (NOx), Sulphur oxides (SOx), and other significant air emissions	website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Air Emissions	/	3, 12	9-11
GRI 306: Effluents and Waste 2016	306-2 Waste by type and disposal method	website	For non-hazardous waste, IRPC sorted and disposed waste to local contractors and municipality in accordance to law. For hazardous waste transportation and disposal, IRPC sourced contractors who hold license as required by law. <a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Solid Waste	/	3, 6, 12	9-11
	306-3 Significant spills	website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Oil and Chemical spills	/	3, 6, 12	9-11
	306-4 Transport of hazardous waste	website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Solid Waste	-	3, 12	9-11
GRI 306: Waste 2020	306-1 (2020) Waste generation and significant waste-related impacts	website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Solid Waste	-	-	-
	306-2 (2016) Management of significant waste-related impacts	website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Solid Waste	-	-	-

	306-3 (2020) Waste generated	website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Solid Waste	-		
	306-4 (2020) Waste diverted from disposal	website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Solid Waste	-		
	306-5 (2020) Waste directed to disposal	website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Solid Waste	-		
GRI 307: Environmental Compliance	307-1 Non-compliance with environmental laws and regulations	website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Environmental protection expenditures and investments fines	-	3, 6, 7, 8, 12, 13	9-11
G4-Oil and Gas Sector Disclosure: Effluent and Waste 2012	G4-OG5 Volume and disposal of formation or produced water	This page	Omission: Information is not applicable to IRPC.	-	3, 6, 8, 12	9-11
	G4-OG6 Volume of flared and vented hydrocarbon	Website and This page	Remark: IRPC only reports on vents from Acetylene Carbon Black (ACB) plant, Expandable Polystyrene (EPS) plant, and VOC Emission. The information for process vent and safety control vent that are unavailable due to the ongoing data collection process.	/	3, 7, 8, 12, 13	9-11
	G4-OG7 Amount of drilling waste (drill mud and cuttings) and strategies for treatment and disposal	This page	Omission: Information is not applicable to IRPC.	-	3, 6, 12	-
<b>Climate Change and Water Related-Risks</b>						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	155-159, Website	<a href="https://www.irpc.co.th/en/sustain_post/climate-strategy-and-water-management/">https://www.irpc.co.th/en/sustain_post/climate-strategy-and-water-management/</a>	-	-	-
	103-2 The management approach and its components	155-159, Website	<a href="https://www.irpc.co.th/en/sustain_post/climate-strategy-and-water-management/">https://www.irpc.co.th/en/sustain_post/climate-strategy-and-water-management/</a>	-	-	-

	103-3 Evaluation of the management approach	155-159, Website	<a href="https://www.irpc.co.th/en/sustainability_post/climate-strategy-and-water-management/">https://www.irpc.co.th/en/sustainability_post/climate-strategy-and-water-management/</a>	-	-	-
GRI 303: Water and Effluents 2018	303-1 Interactions with water as a shared resource	152-153, Website	<a href="https://www.irpc.co.th/en/sustainability_post/climate-strategy-and-water-management/">https://www.irpc.co.th/en/sustainability_post/climate-strategy-and-water-management/</a> <a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Water Consumption and Wastewater	-	6	9-11
	303-2 Management of water discharge-related impacts	152-153, Website	<a href="https://www.irpc.co.th/en/sustainability_post/climate-strategy-and-water-management/">https://www.irpc.co.th/en/sustainability_post/climate-strategy-and-water-management/</a> <a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Water Consumption and Wastewater	-	6	9-11
	303-3 Water withdrawal	152-153, Website	<a href="https://www.irpc.co.th/en/sustainability_post/climate-strategy-and-water-management/">https://www.irpc.co.th/en/sustainability_post/climate-strategy-and-water-management/</a> <a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Water Consumption and Wastewater		6	9-11
	303-4 Water discharge	152-153, Website	<a href="https://www.irpc.co.th/en/sustainability_post/climate-strategy-and-water-management/">https://www.irpc.co.th/en/sustainability_post/climate-strategy-and-water-management/</a> <a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Water Consumption and Wastewater		6	9-11
	303-5 Water consumption	152-153, Website	<a href="https://www.irpc.co.th/en/sustainability_post/climate-strategy-and-water-management/">https://www.irpc.co.th/en/sustainability_post/climate-strategy-and-water-management/</a> <a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Water Consumption and Wastewater		6	9-11
	GRI 305: Emissions 2016	305-5 Reduction of GHG emissions	155-159, Website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Greenhouse Gas <a href="https://www.irpc.co.th/en/sustainability_post/climate-strategy-and-water-management/">https://www.irpc.co.th/en/sustainability_post/climate-strategy-and-water-management/</a>	-	13

**Economic Performance**

GRI 201: Economic Performance 2016	201-4 Financial assistance received from government	Website	<a href="https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf">https://www.irpc.co.th/wp-content/uploads/2021/07/IRPC-SR-2021_Performance-Eng.pdf</a> : Performance : Economic	-	-	-
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**Sustainability Performance**

GRI 415: Public Policy	415-1 Political contribution	This page	Remark: IRPC did not contribute to any political activities/campaigns in 2021. However, IRPC has joined trade association, business association and industry association, which shape policies and directions in oil and gas, and refinery sectors.	-	-	-
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