

Company Name PetroChina
Industry Extractives
Overall Score (*) 10.0 out of 100

Theme Score	Out of	For Theme
2.4	10	A. Governance and Policies
0.0	25	B. Embedding Respect and Human Rights Due Diligence
0.8	15	C. Remedies and Grievance Mechanisms
1.9	20	D. Performance: Company Human Rights Practices
2.0	20	E. Performance: Responses to Serious Allegations
2.8	10	F. Transparency

(*) Please note that any small differences between the Overall Score and the added total of Measurement Theme scores are due to rounding the numbers at different stages of the score calculation process.

Please note that Occidental Petroleum and Anadarko Petroleum merged as the assessment process was taking place and as such most of the assessment is based on pre-merger reporting by Occidental Petroleum.

Please note also that the "Not met" labels in the Explanation boxes below do not necessarily mean that the company does not meet the requirements as they are described in the bullet point short text. Rather, it means that the analysts could not find information *in public sources* that met the requirements *as described in full* in the CHRB 2019 Methodology document. For example, a "Not met" under "General HRs Commitment", which is the first bullet point for indicator A.1.1, does not necessarily mean that the company does not have a general commitment to human rights. Rather, it means that the CHRB could not identify a public statement of policy in which the company commits to respecting human rights.

Detailed assessment

A. Governance and Policies (10% of Total)

A.1 Policy Commitments (5% of Total)

Indicator Code	Indicator name	Score (out of 2)	Explanation
A.1.1	Commitment to respect human rights	2	<p>The individual elements of the assessment are met or not as follows:</p> <p>Score 1</p> <ul style="list-style-type: none"> Met: UNGC principles 1 & 2: The Company is a signatory of the UNGC and has indicated in its Sustainability Report that it commits 'to observing and supporting the ten Principles advocated by the Global Compact in the fields of human rights, labour rights'. Furthermore, it goes on to state that in terms of human rights, [the Company] 'support and respect the protection of internationally proclaimed human rights'. [Sustainability Report 2017, 2017: petrochina.com.cn & ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT 2018, 2019: petrochina.com.cn] <p>Score 2</p> <ul style="list-style-type: none"> Met: UNGPs: The Company states that "We strictly comply with the Anti-monopoly Law of the People's Republic of China, the UN Guiding Principles on Business and Human Rights". [ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT 2018, 2019: petrochina.com.cn] Not met: OECD
A.1.2	Commitment to respect the human rights of workers	0.5	<p>The individual elements of the assessment are met or not as follows:</p> <p>Score 1</p> <ul style="list-style-type: none"> Met: ILO Core: The Company 'uphold the freedom of association and the effective recognition of the right to collective bargaining, the elimination of all forms of forced and compulsory labour, effective abolition of child labour, and elimination of discrimination in employment and occupation' [Sustainability Report 2017, 2017:

Indicator Code	Indicator name	Score (out of 2)	Explanation
			<p>petrochina.com.cn & ENVIRONMENTAL, SOCIALAND GOVERNANCE REPORT 2018, 2019: petrochina.com.cn]</p> <ul style="list-style-type: none"> • Not met: Explicitly list All four ILO apply to EX BPs <p>Score 2</p> <ul style="list-style-type: none"> • Met: Explicit commitment to All four ILO Core: The Company 'uphold the freedom of association and the effective recognition of the right to collective bargaining, the elimination of all forms of forced and compulsory labour, effective abolition of child labour, and elimination of discrimination in employment and occupation' [Sustainability Report 2017, 2017: petrochina.com.cn] • Met: Respect H&S of workers: The Company gives 'top priority to employee health and personal safety by emphasizing occupational health management and protection at field operations'. The Company also abides by the Prevention and Control Occupational Disease Act of the People's Republic of China in its occupational health management. [Sustainability Report 2017, 2017: petrochina.com.cn] • Not met: H&S applies to EX BPs
A.1.3.EX	Commitment to respect human rights particularly relevant to the industry (EX)	0.5	<p>The individual elements of the assessment are met or not as follows:</p> <p>Score 1</p> <ul style="list-style-type: none"> • Not met: Voluntary Principles (VPs) participant • Not met: Uses only ICoCA members • Met: Respecting indigenous rights: The Company's Sustainability Report for 2017 states that 'before construction of a project, [the Company] conduct assessments of the social and economic impact, such as the requirements of the indigenous people, human rights, cultural heritage, involuntary resettlement, etc. [The Company] try our best to protect all the rights and interests of the indigenous people. We uphold standard operation in land compensation, and make compensation plans by referring to the opinions of the local governments, our partners, and the local villagers. [Sustainability Report 2017, 2017: petrochina.com.cn & ENVIRONMENTAL, SOCIALAND GOVERNANCE REPORT 2018, 2019: petrochina.com.cn] • Not met: ILO 169 • Not met: UN Declaration on the Rights of Indigenous People (UNDRIP) • Not met: Expects BPs to respect these rights <p>Score 2</p> <ul style="list-style-type: none"> • Not met: FPIC commitment • Not met: Voluntary Guidelines on Tenure Rights • Not met: IFC performance standards • Not met: Zero tolerance for land grabs • Not met: Respecting the right to water: The Company strictly complies with national and regional laws and regulations on environmental protection, vigorously monitors the discharge of waste and pollutant, and strengthens management of waste to reduce the discharge of air, soil and water pollutant. In 2017, the Company also formulated a Plan on the Upgrading of its Pollutant discharge Compliance, and proposed direction for future management. However, respecting the right to water is not clear. [Sustainability Report 2017, 2017: petrochina.com.cn] • Not met: Expects BPs to commit to all these rights
A.1.4	Commitment to engage with stakeholders	1	<p>The individual elements of the assessment are met or not as follows:</p> <p>Score 1</p> <ul style="list-style-type: none"> • Met: Commits to stakeholder engagement: In accordance with the Articles of Association, the Company has built a multi-level and multi-form mechanism to communicate with stakeholders, through periodic reports, interim reports, media communications, interviews and visits, and interactive communication. In addition the Company recognises the community as a stakeholder and has demonstrated this communication with indigenous people of Canada via signed bilateral agreements, payment for environmental consultation, training programs, job opportunities and setting up a fund to protect indigenous cultures. [Sustainability Report 2017, 2017: petrochina.com.cn & Sustainability Report 2017, 2017: petrochina.com.cn] • Not met: Regular stakeholder engagement [ENVIRONMENTAL, SOCIALAND GOVERNANCE REPORT 2018, 2019: petrochina.com.cn] <p>Score 2</p> <ul style="list-style-type: none"> • Not met: Commits to engage stakeholders in design • Not met: Regular stakeholder design engagement
A.1.5	Commitment to remedy	0	<p>The individual elements of the assessment are met or not as follows:</p> <p>Score 1</p> <ul style="list-style-type: none"> • Not met: Commits to remedy

Indicator Code	Indicator name	Score (out of 2)	Explanation
			Score 2 <ul style="list-style-type: none"> • Not met: Not obstructing access to other remedies • Not met: Collaborating with other remedy initiatives • Not met: Work with EX BPs to remedy impacts
A.1.6	Commitment to respect the rights of human rights defenders	0	The individual elements of the assessment are met or not as follows: Score 1 <ul style="list-style-type: none"> • Not met: Zero tolerance attacks on HRs Defenders (HRDs) Score 2 <ul style="list-style-type: none"> • Not met: Expects EX BPs to reflect company HRD commitments

A.2 Policy Commitments (5% of Total)

Indicator Code	Indicator name	Score (out of 2)	Explanation
A.2.1	Commitment from the top	0.5	The individual elements of the assessment are met or not as follows: Score 1 <ul style="list-style-type: none"> • Met: CEO or Board approves policy: The Board and all Company directors certify that there are no misrepresentation, misleading statements or material omissions in the Company's Sustainability Report 2017. It also accepts fully responsibility for the truthfulness, accuracy and completeness of the report. Since the Company's human rights policy is contained within this report it is approved by the board. [Sustainability Report 2017, 2017: petrochina.com.cn & ENVIRONMENTAL, SOCIALAND GOVERNANCE REPORT 2018, 2019: petrochina.com.cn] Score 2 <ul style="list-style-type: none"> • Not met: Board level responsibility for HRs: There is no information to suggest the CEO or a specific board member is tasked with the governance of the Company's human rights.
A.2.2	Board discussions	0	The individual elements of the assessment are met or not as follows: Score 1 <ul style="list-style-type: none"> • Not met: Board/Committee review of salient HRs • Not met: Examples or trends re HR discussion Score 2 <ul style="list-style-type: none"> • Not met: Both examples and process
A.2.3	Incentives and performance management	0	The individual elements of the assessment are met or not as follows: Score 1 <ul style="list-style-type: none"> • Not met: Incentives for at least one board member • Not met: At least one key EX RH risk, beyond employee H&S Score 2 <ul style="list-style-type: none"> • Not met: Performance criteria made public

B. Embedding Respect and Human Rights Due Diligence (25% of Total)

B.1 Embedding Respect for Human Rights in Company Culture and Management Systems (10% of Total)

Indicator Code	Indicator name	Score (out of 2)	Explanation
B.1.1	Responsibility and resources for day-to-day human rights functions	0	The individual elements of the assessment are met or not as follows: Score 1 <ul style="list-style-type: none"> • Met: Commits to ILO core conventions • Not met: Senior responsibility for HR Score 2 <ul style="list-style-type: none"> • Not met: Day-to-day responsibility • Not met: Day-to-day responsibility for EX BRs
B.1.2	Incentives and performance management	0	The individual elements of the assessment are met or not as follows: Score 1 <ul style="list-style-type: none"> • Not met: Senior manager incentives for human rights • Not met: At least one key EX HR risk, beyond employee H&S Score 2 <ul style="list-style-type: none"> • Not met: Performance criteria made public
B.1.3	Integration with enterprise risk management	0	The individual elements of the assessment are met or not as follows: Score 1 <ul style="list-style-type: none"> • Not met: HR risks is integrated as part of enterprise risk system: The Company identified hazards and strengthened the building of the anti-corruption system and gradually improved its corruption risk prevention mechanism. However, there is no further detail on the inclusivity of these hazards. [Sustainability Report 2017, 2017: petrochina.com.cn & ENVIRONMENTAL, SOCIALAND GOVERNANCE REPORT 2018, 2019: petrochina.com.cn] Score 2 <ul style="list-style-type: none"> • Not met: Audit Ctte or independent risk assessment

Indicator Code	Indicator name	Score (out of 2)	Explanation
B.1.4.a	Communication /dissemination of policy commitment(s) within Company's own operations	0	<p>The individual elements of the assessment are met or not as follows:</p> <p>Score 1</p> <ul style="list-style-type: none"> • Met: Commits to ILO core conventions • Not met: Communicates its policy to all workers in own operations: The Company states in its Annual Report for 2017 that relevant information on corporate governance for the professional and ethical conduct for senior management and staff and workers can be found on its website. However, code of conducts listed on the website fail to communicate the Company human rights policy back to workers, staff and senior management. [Corporate Governance Structure, 2018: petrochina.com.cn] <p>Score 2</p> <ul style="list-style-type: none"> • Met: Commits to all 4 ILO core conventions • Not met: Communication of policy commitments to stakeholder: The company details a number of communication for different stakeholders, however none of these specifically relate to the communication of the Company's human rights policy. [Sustainability Report 2017, 2017: petrochina.com.cn & ENVIRONMENTAL, SOCIALAND GOVERNANCE REPORT 2018, 2019: petrochina.com.cn] • Not met: How policy commitments are made accessible to audience
B.1.4.b	Communication /dissemination of policy commitment(s) to business relationships	0	<p>The individual elements of the assessment are met or not as follows:</p> <p>Score 1</p> <ul style="list-style-type: none"> • Not met: Commits to all 4 ILO core conventions for suppliers • Not met: Communicating policy to EX contractors and joint ventures • Not met: Including to EX BPs (removed) <p>Score 2</p> <ul style="list-style-type: none"> • Not met: How HR commitments made binding/contractual • Not met: Including on EX BPs
B.1.5	Training on Human Rights	0	<p>The individual elements of the assessment are met or not as follows:</p> <p>Score 1</p> <ul style="list-style-type: none"> • Not met: Scores at least 1 on A.1.2 • Not met: Trains all workers on HR policy commitments • Not met: Trains relevant EX managers including security personnel <p>Score 2</p> <ul style="list-style-type: none"> • Not met: Score of 2 on A.1.2 • Not met: Both requirements under score 1 met
B.1.6	Monitoring and corrective actions	0	<p>The individual elements of the assessment are met or not as follows:</p> <p>Score 1</p> <ul style="list-style-type: none"> • Not met: Scores at least 1 on A.1.2 • Not met: Monitoring implementation of HR policy commitments • Not met: Monitoring EX BP's <p>Score 2</p> <ul style="list-style-type: none"> • Not met: Score of 2 on A.1.2 • Not met: Describes corrective action process • Not met: Example of corrective action • Not met: Discloses % of EX supply chain monitored
B.1.7	Engaging business relationships	0	<p>The individual elements of the assessment are met or not as follows:</p> <p>Score 1</p> <ul style="list-style-type: none"> • Not met: HR affects selection EXs business partners • Not met: HR affects on-going EX business partner relationships <p>Score 2</p> <ul style="list-style-type: none"> • Not met: Both requirement under score 1 met • Not met: Working with EX business partners to improve performance
B.1.8	Approach to engagement with potentially affected stakeholders	0	<p>The individual elements of the assessment are met or not as follows:</p> <p>Score 1</p> <ul style="list-style-type: none"> • Not met: Stakeholder process or systems: The Company does provide details of stakeholders, which include communities near operations, and approach's to community with them, however there is no information to suggest that communication involves human rights issues. [Sustainability Report 2017, 2017: petrochina.com.cn & ENVIRONMENTAL, SOCIALAND GOVERNANCE REPORT 2018, 2019: petrochina.com.cn] • Not met: Frequency and triggers for engagement • Not met: Engagement includes EX business partners workers • Not met: Engagement includes EX business partners communities <p>Score 2</p> <ul style="list-style-type: none"> • Not met: Analysis of stakeholder views and company's actions on them

B.2 Human Rights Due Diligence (15% of Total)

Indicator Code	Indicator name	Score (out of 2)	Explanation
B.2.1	Identifying: Processes and triggers for identifying human rights risks and impacts	0	The individual elements of the assessment are met or not as follows: Score 1 <ul style="list-style-type: none"> Not met: Identifying risks in own operations Not met: identifying risks in EX business partners Score 2 <ul style="list-style-type: none"> Not met: Ongoing global risk identification Not met: In consultation with stakeholders Not met: In consultation with HR experts Not met: Triggered by new circumstances Not met: Explains use of HRIAs or ESIA (inc HR)
B.2.2	Assessing: Assessment of risks and impacts identified (salient risks and key industry risks)	0	The individual elements of the assessment are met or not as follows: Score 1 <ul style="list-style-type: none"> Not met: Salient risk assessment (and context) Not met: Public disclosure of salient risks Score 2 <ul style="list-style-type: none"> Not met: Both requirements under score 1 met
B.2.3	Integrating and Acting: Integrating assessment findings internally and taking appropriate action	0	The individual elements of the assessment are met or not as follows: Score 1 <ul style="list-style-type: none"> Not met: Action Plans to mitigate risks Not met: Including amongst EX BPs Not met: Example of Actions decided Score 2 <ul style="list-style-type: none"> Not met: Both requirements under score 1 met
B.2.4	Tracking: Monitoring and evaluating the effectiveness of actions to respond to human rights risks and impacts	0	The individual elements of the assessment are met or not as follows: Score 1 <ul style="list-style-type: none"> Not met: System to check if Actions are effective Not met: Lessons learnt from checking effectiveness Score 2 <ul style="list-style-type: none"> Not met: Both requirement under score 1 met
B.2.5	Communicating : Accounting for how human rights impacts are addressed	0	The individual elements of the assessment are met or not as follows: Score 1 <ul style="list-style-type: none"> Not met: Comms plan re identifying risks Not met: Comms plan re assessing risks Not met: Comms plan re action plans for risks Not met: Comms plan re reviewing action plans Not met: Including EX business partners Score 2 <ul style="list-style-type: none"> Not met: Responding to affected stakeholders concerns Not met: Ensuring affected stakeholders can access communications

C. Remedies and Grievance Mechanisms (15% of Total)

Indicator Code	Indicator name	Score (out of 2)	Explanation
C.1	Grievance channel(s)/mechanism(s) to receive complaints or concerns from workers	1	The individual elements of the assessment are met or not as follows: Score 1 <ul style="list-style-type: none"> Met: Channel accessible to all workers: The Company's ESG Report indicates that it has 'set up a telephone hotline and an email address (both disclosed) to receive reports of irregularities.' Employees have the option to report cases of irregularities anonymously or using their real names. The Company seriously investigates these matters and gives feedback to the one who has reported. However, the identify of informants is confidential. [Sustainability Report 2017, 2017: petrochina.com.cn & ENVIRONMENTAL, SOCIALAND GOVERNANCE REPORT 2018, 2019: petrochina.com.cn] Score 2 <ul style="list-style-type: none"> Not met: Number grievances filed, addressed or resolved Not met: Channel is available in all appropriate languages Not met: Expect EX BPs to have equivalent grievance system

Indicator Code	Indicator name	Score (out of 2)	Explanation
			<ul style="list-style-type: none"> • Not met: Opens own system to EX BPs workers
C.2	Grievance channel(s)/mechanism(s) to receive complaints or concerns from external individuals and communities	0	<p>The individual elements of the assessment are met or not as follows:</p> <p>Score 1</p> <ul style="list-style-type: none"> • Not met: Grievance mechanism for community <p>Score 2</p> <ul style="list-style-type: none"> • Not met: Describes accessibility and local languages • Not met: Expects EX BPs to have community grievance systems • Not met: EX BPs communities use global system
C.3	Users are involved in the design and performance of the channel(s)/mechanism(s)	0	<p>The individual elements of the assessment are met or not as follows:</p> <p>Score 1</p> <ul style="list-style-type: none"> • Not met: Engages users to create or assess system • Not met: Description of how they do this <p>Score 2</p> <ul style="list-style-type: none"> • Not met: Engages with users on system performance • Not met: Provides user engagement example on performance • Not met: EX BPs consult users in creation or assessment
C.4	Procedures related to the mechanism(s)/channel(s) are publicly available and explained	0	<p>The individual elements of the assessment are met or not as follows:</p> <p>Score 1</p> <ul style="list-style-type: none"> • Not met: Response timescales • Not met: How complainants will be informed <p>Score 2</p> <ul style="list-style-type: none"> • Not met: Escalation to senior/independent level
C.5	Commitment to non-retaliation over complaints or concerns made	0	<p>The individual elements of the assessment are met or not as follows:</p> <p>Score 1</p> <ul style="list-style-type: none"> • Not met: Public statement prohibiting retaliation: The Company states that employees who report irregularities to the hotline or email service they can do so anonymously. However, there is no further information regarding recitation against workers and other stakeholders raising human rights complaints to award this score. [Sustainability Report 2017, 2017: petrochina.com.cn & ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT 2018, 2019: petrochina.com.cn] <p>Score 2</p> <ul style="list-style-type: none"> • Not met: Practical measures to prevent retaliation • Not met: Has not retaliated in practice • Not met: Expects EX BPs to prohibit retaliation
C.6	Company involvement with State-based judicial and non-judicial grievance mechanisms	0	<p>The individual elements of the assessment are met or not as follows:</p> <p>Score 1</p> <ul style="list-style-type: none"> • Not met: Won't impede state based mechanisms • Not met: Complainants not asked to waive rights <p>Score 2</p> <ul style="list-style-type: none"> • Not met: Will work with state based or non judicial mechanisms • Not met: Example of issue resolved (if applicable)
C.7	Remedying adverse impacts and incorporating lessons learned	0	<p>The individual elements of the assessment are met or not as follows:</p> <p>Score 1</p> <ul style="list-style-type: none"> • Not met: Describes how remedy has been provided • Not met: Says how it would remedy key sector risks <p>Score 2</p> <ul style="list-style-type: none"> • Not met: Changes introduced to stop repetition • Not met: Approach to learning from incident to prevent future impacts • Not met: Evaluation of the channel/mechanism

D. Performance: Company Human Rights Practices (20% of Total)

Indicator Code	Indicator name	Score (out of 2)	Explanation
D.3.1	Living wage (in own extractive operations, which includes JVs)	0	<p>The individual elements of the assessment are met or not as follows:</p> <p>Score 1</p> <ul style="list-style-type: none"> • Not met: Living wage target timeframe or achieved • Not met: Describes how living wage determined <p>Score 2</p> <ul style="list-style-type: none"> • Not met: Pays living wages • Not met: Reviews living wages definition with unions

Indicator Code	Indicator name	Score (out of 2)	Explanation
D.3.2	Transparency and accountability (in own extractive operations, which includes JVs)	0	The individual elements of the assessment are met or not as follows: Score 1 <ul style="list-style-type: none"> Not met: Member of EITI: The Company is not a member of the EITI according to the EITI Members Registry. [EITI Members Registry 2016-2019, 2016: eti.org] Not met: Reports of taxes and revenues beyond legal minimums Score 2 <ul style="list-style-type: none"> Not met: Reports taxes and revenue by country Not met: Steps taken re non EITI countries Not met: Disclosures contract terms where not a requirement
D.3.3	Freedom of association and collective bargaining (in own extractive operations, which includes JVs)	0	The individual elements of the assessment are met or not as follows: Score 1 <ul style="list-style-type: none"> Not met: Commits not to interfere with union rights and collective bargaining and prohibits intimidation and retaliation: The Company states it has established trade unions at all levels for employee's, however there is no commitment to not interfere with union rights and steps to avoid intimidation or retaliation. [Sustainability Report 2017, 2017: petrochina.com.cn & ENVIRONMENTAL, SOCIALAND GOVERNANCE REPORT 2018, 2019: petrochina.com.cn] Not met: Discloses % covered by collective bargaining Score 2 <ul style="list-style-type: none"> Not met: Both requirement under score 1 met
D.3.4	Health and safety: Fatalities, lost days, injury rates (in own extractive operations, which includes JVs)	1	The individual elements of the assessment are met or not as follows: Score 1 <ul style="list-style-type: none"> Met: Injury Rate disclosures: Total accident rate (incidents/million working hours) was 0.0414 in 2017, down from the 2017 figure. [ENVIRONMENTAL, SOCIALAND GOVERNANCE REPORT 2018, 2019: petrochina.com.cn] Not met: Lost days or near miss disclosures Met: Fatalities disclosures: Fatalities caused by accidents (person/100 million working hours) was 0.14, up from the 2017 figure. [ENVIRONMENTAL, SOCIALAND GOVERNANCE REPORT 2018, 2019: petrochina.com.cn] Score 2 <ul style="list-style-type: none"> Not met: Set targets for H&S performance Not met: Met targets or explains why not
D.3.5	Indigenous peoples rights and free prior and informed consent (FPIC) (in own extractive operations, which includes JVs)	0.5	The individual elements of the assessment are met or not as follows: Score 1 <ul style="list-style-type: none"> Not met: Process to identify indigenous rights holders: Before construction of projects ,the Company conducts assessments of the social and economic impact, such as the 'requirement of the Indigenous people, human rights, cultural heritage, involuntary resettlement etc.' However, the details of how the Company identifies the impact of proposed projects on indigenous people is not outlined. [Sustainability Report 2017, 2017: petrochina.com.cn & ENVIRONMENTAL, SOCIALAND GOVERNANCE REPORT 2018, 2019: petrochina.com.cn] Met: How engages with communities in assessment: The Company has demonstrated communication with indigenous peoples via bilateral agreements with local communities and paying local people for environmental consultation. [Sustainability Report 2017, 2017: petrochina.com.cn & ENVIRONMENTAL, SOCIALAND GOVERNANCE REPORT 2018, 2019: petrochina.com.cn] Score 2 <ul style="list-style-type: none"> Not met: Commits to FPIC (or ICMM) Not met: Gives recent example FPIC or dropping deal
D.3.6	Land rights (in own extractive operations, which includes JVs)	0	The individual elements of the assessment are met or not as follows: Score 1 <ul style="list-style-type: none"> Not met: Approach to identification of land tenure rights holders Not met: Describes approach to doing so if no recent deals Score 2 <ul style="list-style-type: none"> Not met: How valuation and compensation works: The Company states that compensation is paid before land use and compensation information is released timely to ensure operational transparency. However, there are no further details to indicate how the compensation figure is determined. [Sustainability Report 2017, 2017: petrochina.com.cn] Not met: Steps to meet IFC PS 5 in state deals Not met: Describes approach if no recent deals
D.3.7	Security (in own extractive operations, which includes JVs)	0	The individual elements of the assessment are met or not as follows: Score 1 <ul style="list-style-type: none"> Not met: How implements security (inc VPs or ICOC) Not met: Example of respecting HRs in security Not met: Ensures Business Partners follow security approach Score 2 <ul style="list-style-type: none"> Not met: Assesses and involves communities

Indicator Code	Indicator name	Score (out of 2)	Explanation
			<ul style="list-style-type: none"> • Not met: Working with local community
D.3.8	Water and sanitation (in own extractive operations, which includes JVs)	0	<p>The individual elements of the assessment are met or not as follows:</p> <p>Score 1</p> <ul style="list-style-type: none"> • Not met: Action to prevent water and sanitation risks <p>Score 2</p> <ul style="list-style-type: none"> • Not met: Water targets considering local factors • Not met: Reports progress in meeting targets and shows trends in progress made

E. Performance: Responses to Serious Allegations (20% of Total)

Indicator Code	Indicator name	Score (out of 2)	Explanation
E(1).0	Serious allegation No 1		No allegations meeting the CHRB severity threshold were found, and so the score of 8.00 out of 80 points scored in themes A-D & F has been applied to produce a score of 2.00 out of 20 points for theme E.

F. Transparency (10% of Total)

Indicator Code	Indicator name	Score	Explanation
F.1	Company willingness to publish information	0.84 out of 4	Out of a total of 38 indicators assessed under sections A-D of the benchmark, PetroChina made data public that met one or more elements of the methodology in 8 cases, leading to a disclosure score of 0.84 out of 4 points.
F.2	Recognised Reporting Initiatives	2 out of 2	<p>The individual elements of the assessment are met or not as follows:</p> <p>Score 2</p> <ul style="list-style-type: none"> • Met: Company reports on GRI: The Company's Sustainability Report for 2017, consults the reporting elements and performance indicator indices proposed by the Global Reporting Initiative (GRI). [Sustainability Report 2017, 2017]
F.3	Key, High Quality Disclosures	0 out of 4	<p>PetroChina met 0 of the 10 thresholds listed below and therefore gets 0 out of 4 points for the high quality disclosure indicator.</p> <p>Specificity and use of concrete examples</p> <ul style="list-style-type: none"> • Not met: Score 2 for A.2.2 : Board discussions • Not met: Score 2 for B.1.6 : Monitoring and corrective actions • Not met: Score 2 for C.1 : Grievance channel(s)/mechanism(s) to receive complaints or concerns from workers • Not met: Score 2 for C.3 : Users are involved in the design and performance of the channel(s)/mechanism(s) <p>Discussing challenges openly</p> <ul style="list-style-type: none"> • Not met: Score 2 for B.2.4 : Tracking: Monitoring and evaluating the effectiveness of actions to respond to human rights risks and impacts • Not met: Score 2 for C.7 : Remedying adverse impacts and incorporating lessons learned <p>Demonstrating a forward focus</p> <ul style="list-style-type: none"> • Not met: Score 2 for A.2.3 : Incentives and performance management • Not met: Score 2 for B.1.2 : Incentives and performance management • Not met: Score 1 for D.3.1 : Living wage (in own extractive operations, which includes JVs) • Not met: Score 2 for D.3.4 : Health and safety: Fatalities, lost days, injury rates (in own extractive operations, which includes JVs)

Disclaimer

A score of zero for a particular indicator does not mean that bad practices are present. Rather it means that we have been unable to identify the required information in public documentation.

See the 2019 Key Findings report and technical annex for more details of the research process.

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As CHRB Ltd, we want to emphasise that the results will always be a proxy for good human rights management, and not an absolute measure of performance. This is because there are no fundamental units of measurement for human rights. Human rights assessments are therefore necessarily more subjective than objective. The Benchmark also captures only a snap shot in time. We therefore want to encourage companies, investors, civil society and governments to look at the broad performance bands that companies are ranked within rather than their precise score because, as with all measurements, there is a reasonably wide margin of error possible in interpretation. We also want to encourage a greater analytical focus on how scores improve over time rather than upon how a company compares to other companies in the same industry today. The spirit of the exercise is to promote continual improvement via an open assessment process and a common understanding of the importance of the UN Guiding Principles on Business and Human Rights.