

OVERALL COMPANY RATINGS

Company		Aggregate rating	1. Has the company investigated its supply links to the DRC and huayou cobalt?	2. Does the company have robust policies and systems in place for detecting human rights risks and abuses in its cobalt supply chain?	3. Has the company taken action to identify "choke points" and identify human rights risks and abuses?	4. Has the company disclosed information about the human rights risks and abuses in its cobalt supply chain?	5. Has the company taken steps to mitigate human rights risks or remediate harms related to its cobalt supply chain?
CATHODE MATERIALS MANUFACTURERS	Hunan Shanshan Energy Technology Co., Ltd		Minimal	Moderate	Minimal	No action	Minimal
	L & F Co., Ltd		Minimal	No action	Minimal	No action	Minimal
	Tianjin B & M Science & Technology Joint Stock Co., Ltd		No action	No action	No action	No action	Minimal
BATTERY CELL MANUFACTURERS	Amperex Technology Co., Ltd		Minimal	Moderate	No action	Minimal	No action
	BYD Co., Ltd		No action	Minimal	No action	No action	No action
	Coslight Technology International Group		No action	No action	No action	No action	No action
	LG Chem Ltd		Adequate	Moderate	Minimal	Minimal	Minimal
	Samsung SDI Co., Ltd		Adequate	Adequate	Adequate	Moderate	Moderate
	Shenzhen BAK Battery		No action	No action	No action	No action	No action
	Sony Corp.		Minimal	Minimal	Minimal	Minimal	Minimal
	Tianjin Lishen Battery Joint-Stock Co., Ltd		Moderate	Minimal	Minimal	No action	Minimal
COMPUTER, COMMUNICATION & CONSUMER ELECTRONICS COMPANIES	Apple Inc.		Adequate	Adequate	Adequate	Moderate	Moderate
	Dell Technologies		Moderate	Adequate	Moderate	Minimal	Moderate
	HP Inc.		Adequate	Moderate	Moderate	Minimal	Minimal
	Huawei Technologies Co., Ltd		No action	Minimal	No action	Minimal	Minimal
	Lenovo Group Ltd		Minimal	Minimal	No action	Minimal	Minimal
	Microsoft Corp.		Minimal	Minimal	No action	Minimal	Minimal
	Samsung Electronics Co., Ltd		Minimal	Minimal	Moderate	Minimal	Minimal
	Vodafone Group Plc		Minimal	Minimal	Minimal	Minimal	No action
	ZTE Corp.		Minimal	Minimal	Minimal	No action	No action
ELECTRIC VEHICLE MANUFACTURERS	BMW Group		Adequate	Moderate	Moderate	Minimal	Moderate
	Daimler AG		Minimal	Minimal	Minimal	Minimal	Minimal
	Fiat-Chrysler Automobiles NV		Minimal	Minimal	Minimal	Minimal	Moderate
	General Motors Co.		Minimal	Minimal	Moderate	Minimal	Minimal
	Renault Group		Minimal	Minimal	No action	No action	Minimal
	Tesla Inc.		Adequate	Minimal	Moderate	Minimal	Moderate
	Volkswagon AG		Minimal	Minimal	Moderate	Minimal	Moderate