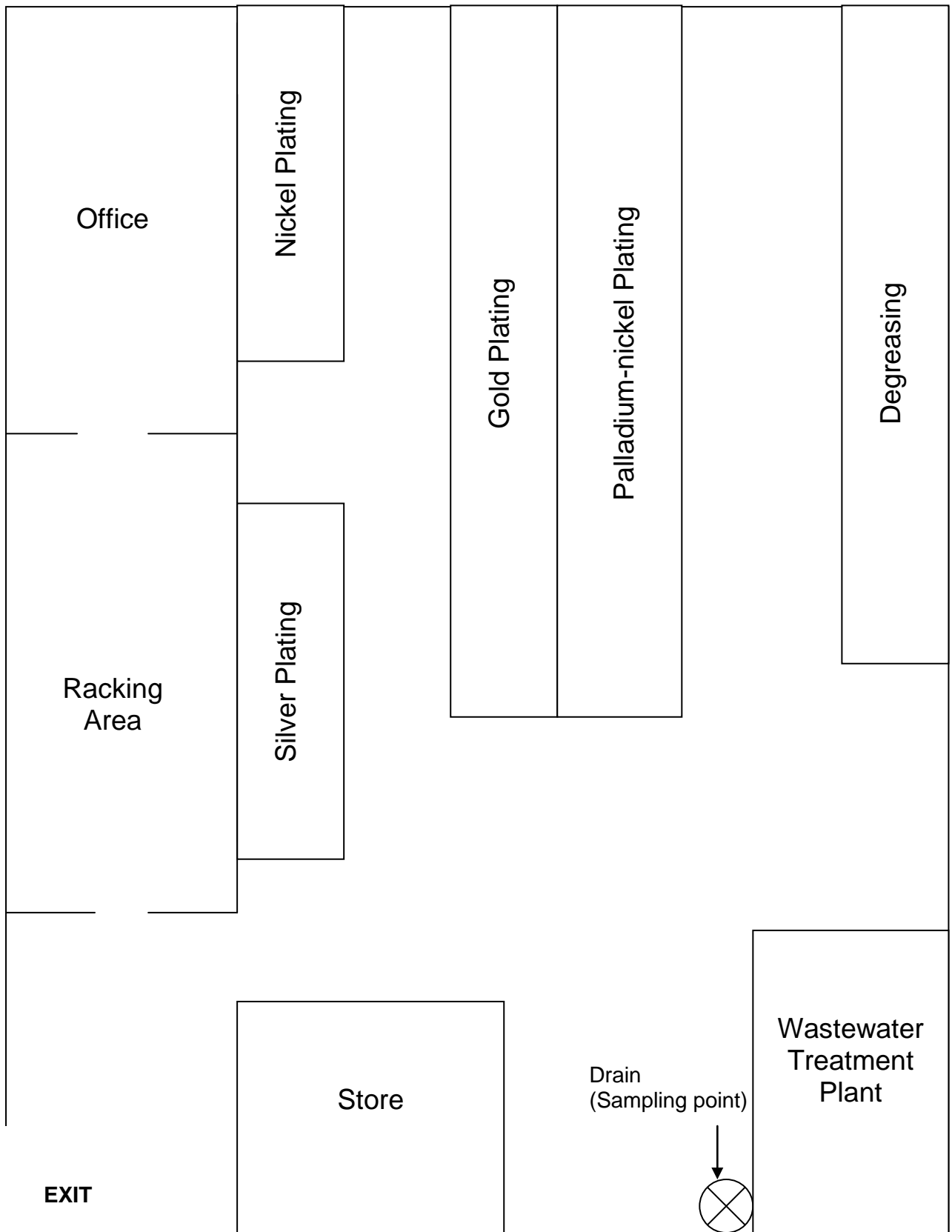


Company Information of Hong Kong Green Electroplating Company (HKGEC)

Company Name	Hong Kong Green Electroplating Company (HKGEC)
Business Nature	Electroplating Nickel, silver, gold, palladium-nickel plating (rack plating)
Products	Electroplating for watch cases and belts
Major Markets	Local, China and Asia
Manufacturing Processes	Workpieces racking → degreasing → rinsing → electro-degreasing → rinsing → acid dipping → rinsing → copper plating → rinsing → nickel plating → rinsing → silver / gold / palladium-nickel plating → rinsing → drying → packing → delivery
Address Office and Plant Locations	Blk B, 3/F, Vigor Industry Bldg, 49-53 Ta Chuen Ping Street Kwai Chung, NT Hong Kong
Factory Areas	400 m ²
No. of Employees	20
Main Facilities / Equipment	Rack plating lines with tanks and associated equipment D.I. water generating system Wastewater treatment plant Ventilation system Oven
Surrounding Environment	Upper floors in a multi-storey industrial building located at Kwai Chung industrial area. Neighbor factories on the same floor are trading companies and a printing company.
Potential Environmental Impacts from the Operations	<ul style="list-style-type: none"> • Wastewater discharge from degreasing, electroplating and rinsing processes. Wastewater is discharged to public sewer of the Victoria Harbor Water Control Zone. • Solid wastes include general refuse, paper waste from office, packaging bags and rejected products. • Chemical wastes from spent plating baths, sludge and chemical containers. • Acid / alkaline / metal mists from electroplating baths • Significant use of electricity, water and chemical for production processes
Special Client's Environmental Requirements	Nil

Disclaimer : The information provided in this practical example is purely hypothetical and intended to illustrate the development and implementation of ISO 14001 EMS. Users will need to ensure that the information they insert is appropriate for their own situation.

HKGEC – Site Layout Plan

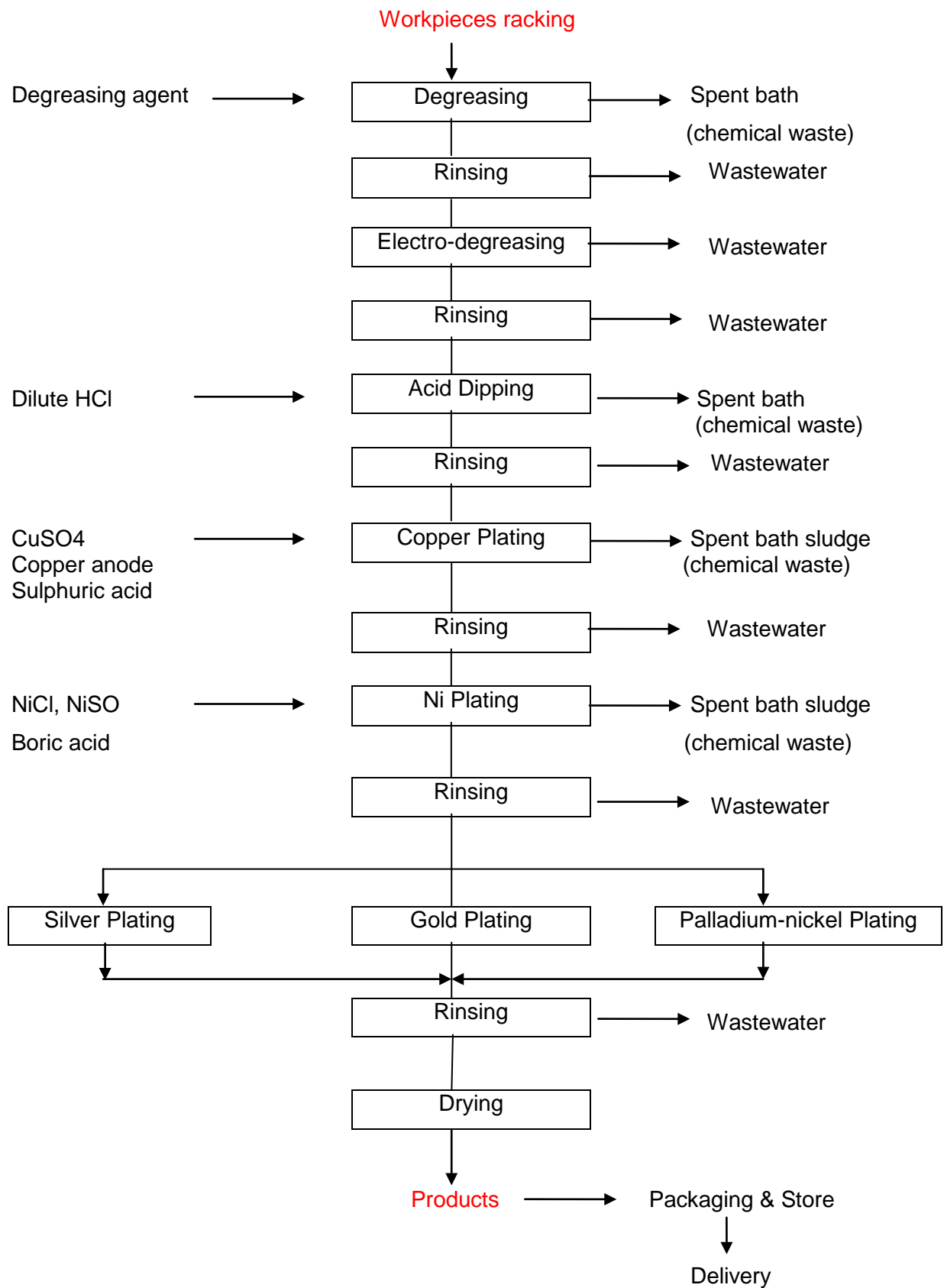


Process flow

Major Chemicals Used

Process Step

Waste Stream



HKGEC – Location Map in Hong Kong

(Blk B, 3/F, Vigor Industry Building, 49-53 Ta Chuen Ping Street, Kwai Chung)

