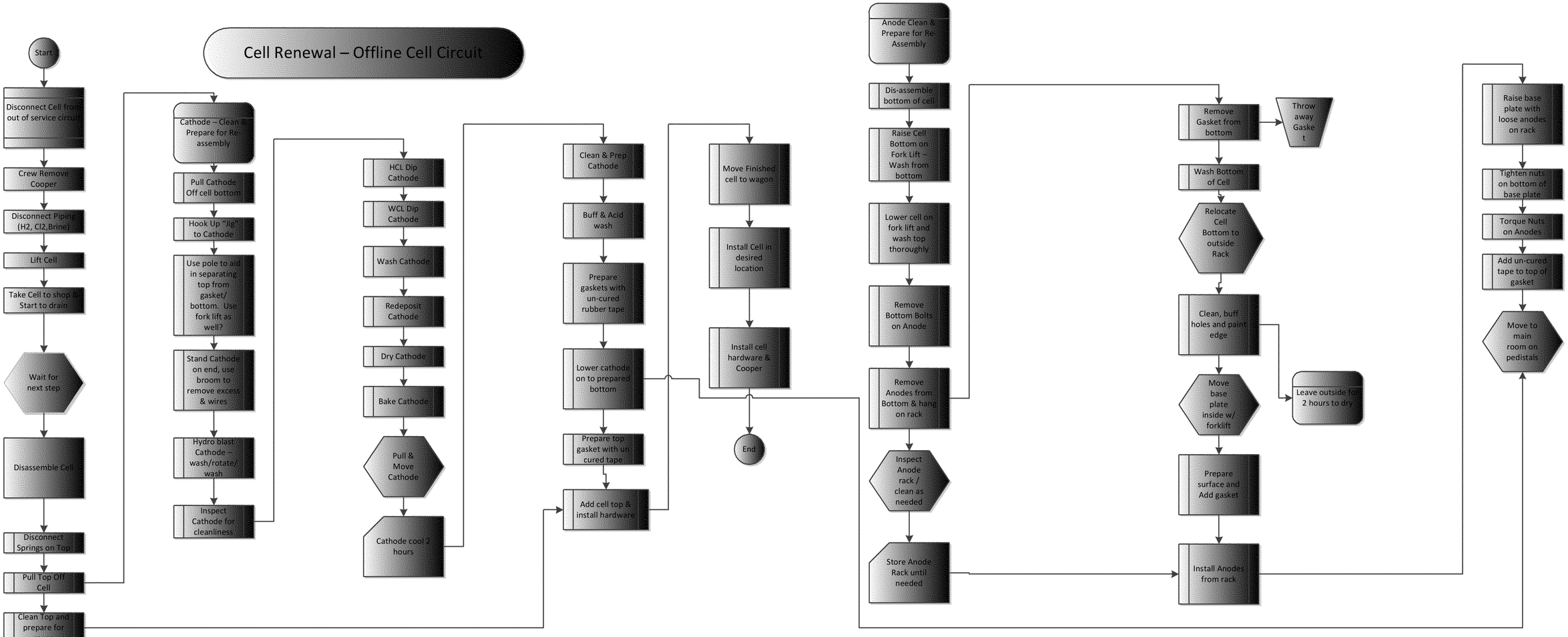Cell Renewal – Offline Cell Circuit