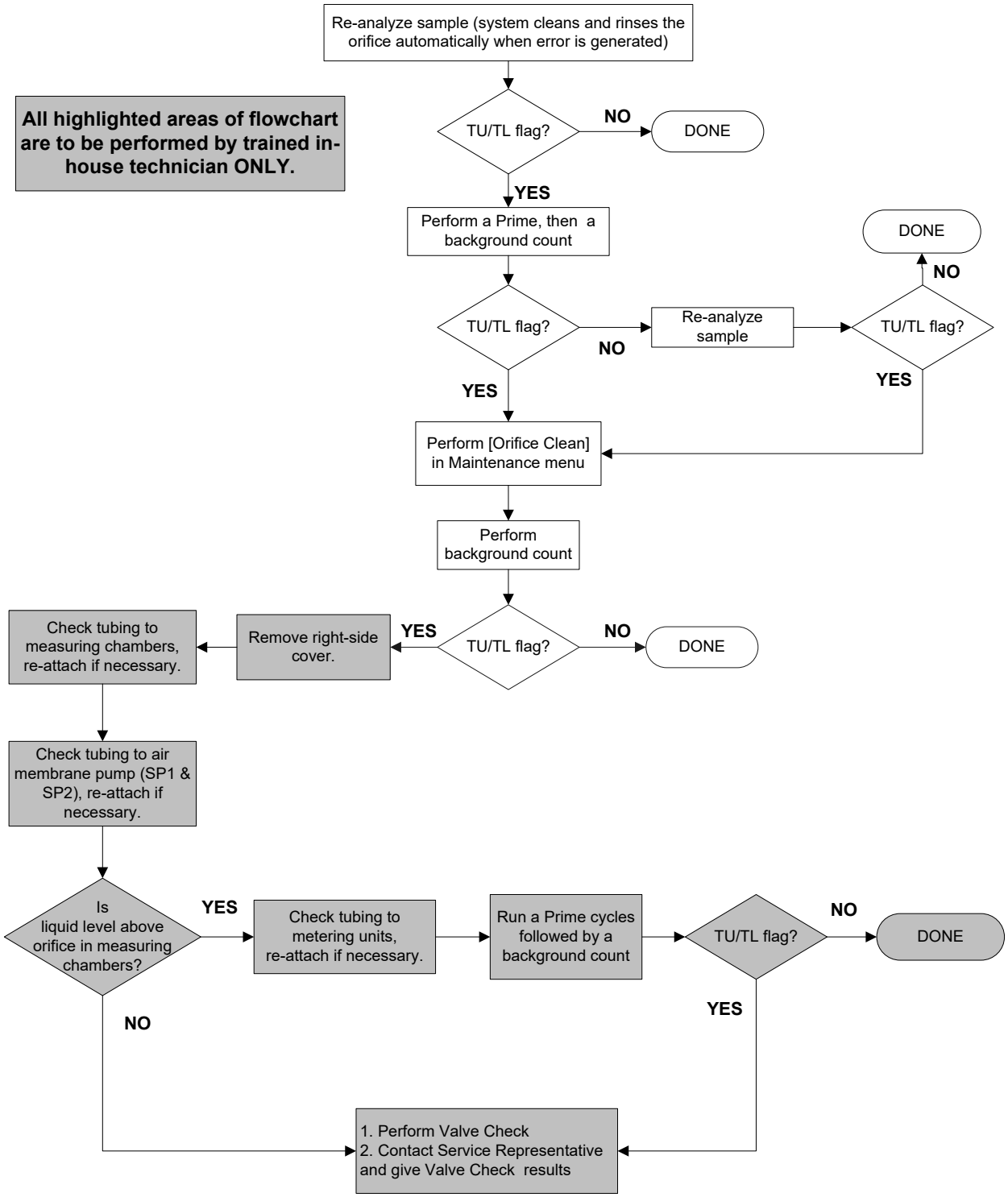TU or TL ERRORS