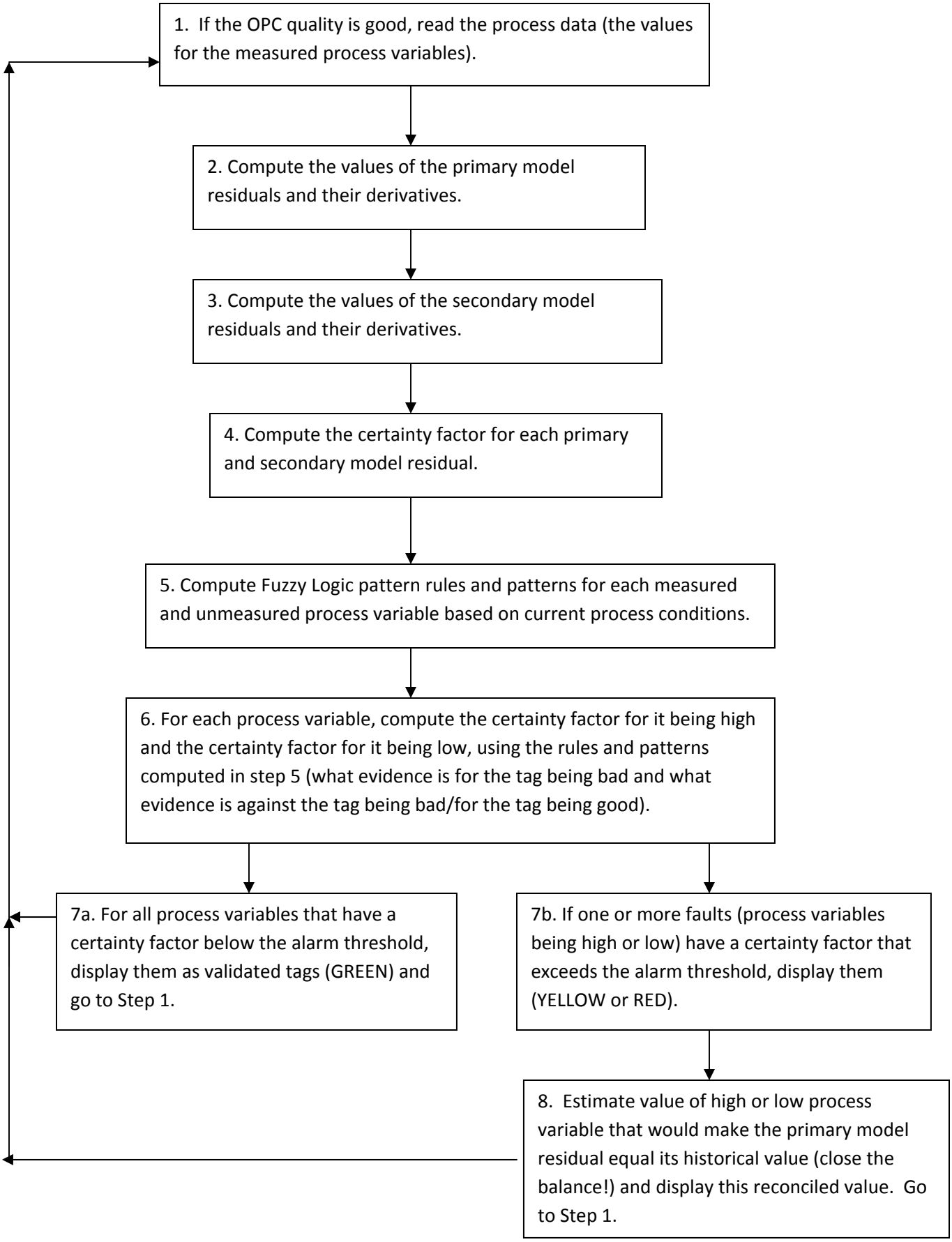SENSOR VALIDATION & PROACTIVE FAULT ANALYSIS (SVPFA) MODULE