

**LIMITS\_ALARM\_correctness: THEOREM**

**FORALL** X, H, L, EPS, QH, Q, QL:

**LIMITS\_ALARM\_fbd\_impl**(H, X, L, EPS, QH, Q, QL) **IMPLIES**

**LIMITS\_ALARM\_tab\_req**(H, X, L, EPS, QH, Q, QL)

**LIMITS\_ALARM\_consistency: THEOREM**

**FORALL** H, X, L, EPS:

**EXISTS** QH, Q, QL:

**LIMITS\_ALARM\_fbd\_impl**(H, X, L, EPS, QH, Q, QL)