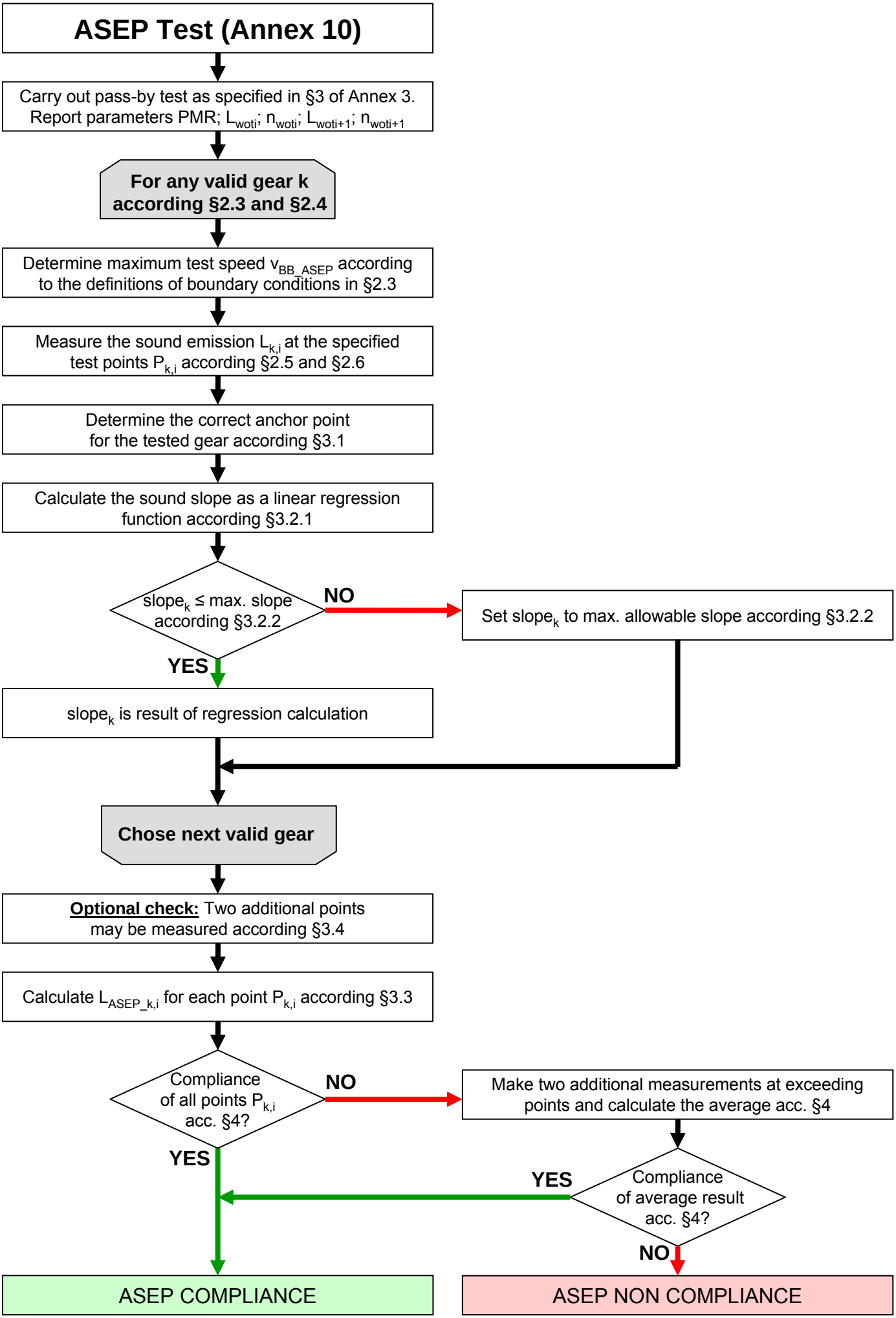
ASEP Test (Annex 10)
Carry out pass-by test as specified in §3 of Annex 3. Report parameters PMR; L_{woti}; n_{woti}; L_{woti+1}; n_{woti+1}
For any valid gear k according §2.3 and §2.4
Determine maximum test speed v_{BB_ASEP} according to the definitions of boundary conditions in §2.3
Measure the sound emission $L_{k,i}$ at the specified test points $P_{k,i}$ according §2.5 and §2.6
Determine the correct anchor point for the tested gear according §3.1
Calculate the sound slope as a linear regression function according §3.2.1
$slope_k$ ≤ max. slope according §3.2.2
NO
Set $slope_k$ to max. allowable slope according §3.2.2
YES
$slope_k$ is result of regression calculation
Chose next valid gear
Optional check: Two additional points may be measured according §3.4
Calculate $L_{ASEP_k,i}$ for each point $P_{k,i}$ according §3.3
Compliance of all points $P_{k,i}$ acc. §4?
NO
Make two additional measurements at exceeding points and calculate the average acc. §4
YES
YES
Compliance of average result acc. §4?
NO
ASEP COMPLIANCE
ASEP NON COMPLIANCE