§ 90.206 Engines with HC+NO\textsubscript{X} FELs below 12.1 g/kW-hr. All early credits for Class II engines shall be calculated against a HC+NO\textsubscript{X} level of 18.0 g/kW-hr.

(3) Beginning with the 2000 model year and prior to the applicable date listed in paragraph (a) of this section for Class III engines, a manufacturer may bank early credits for all Class III engines with HC+NO\textsubscript{X} FELs below 72 g/kW-hr. All early credits for Class III engines shall be calculated against a HC+NO\textsubscript{X} level of 238 g/kW-hr.

(4) Beginning with the 2000 model year and prior to the applicable date listed in paragraph (a) of this section for Class IV engines, a manufacturer may bank early credits for all Class IV engines with HC+NO\textsubscript{X} FELs below 72 g/kW-hr. All early credits for Class IV engines shall be calculated against a HC+NO\textsubscript{X} level of 196 g/kW-hr.

(5) Beginning with the 2000 model year and prior to the applicable date listed in paragraph (a) of this section for Class V engines, a manufacturer may bank early credits for all Class V engines with HC+NO\textsubscript{X} FELs below 87 g/kW-hr. All early credits for Class V engines shall be calculated against a HC+NO\textsubscript{X} level of 143 g/kW-hr.

(6) Engines certified under the early banking provisions of this paragraph are subject to all of the requirements of this part applicable to Phase 2 engines.

§ 90.207 Credit calculation and manufacturer compliance with emission standards.

(a) For each engine family, HC+NO\textsubscript{X} [NMHC+NO\textsubscript{X}] certification emission credits (positive or negative) are to be calculated according to the following equation and rounded to the nearest gram. Consistent units are to be used throughout the equation.

\[
\text{Credits} = \text{Production} \times (\text{Standard} - \text{FEL}) \times \text{Power} \times \text{Useful life} \times \text{Load Factor}
\]

Where:

- Production = eligible production as defined in this part. Annual production projections are used to project credit availability for initial certification. Eligible production volume is used in determining actual credits for end-of-year compliance determination.
- Standard = the current and applicable Small SI engine HC+NO\textsubscript{X} [NMHC+NO\textsubscript{X}] emission standard in grams per kilowatt hour as determined in §90.103 or, for early credits, the applicable emission level as specified in §90.205(b).
- FEL = the family emission limit for the engine family in grams per kilowatt hour.
- Power = the maximum modal power of the certification test engine, in kilowatts, as calculated from the applicable federal test procedure as described in this part.