



### Plant production and transport of ready mix concrete under NS-EN 206 + NA 2017

Competence classes as of 1 September 2014		Former classes that remain valid
PPK	Production and quality control manager for all execution classes	PPKU, O9PPKU, PPKN
BO	Mixing plant operator, all execution classes	BO
LB	Laboratory technician, all execution classes	LB
BT	Concrete mixer driver, all execution classes	BT
BTS	Concrete mixer driver – truck with conveyor, all execution classes	BTS
PO	Concrete pump operator, all execution classes	PO

### In-situ concrete works and precast concrete assembly under NS-EN 13670 + NA 2010

Competence classes as of 1 September 2014		Former classes that remain valid
UPK3	Production and quality control manager, execution class 3	SLU, UPKU
UPK2	Production and quality control manager, execution classes 1 and 2	SLN, UPKN
UFB	Foreman, supervisor, all execution classes	SLN, UFB3
UPK3+S	Production and quality control manager, execution class 3 + prestressed concrete	UPK3+S, SPKU
UFB+S	Foreman, tradesman (“bas”), all execution classes + prestressed concrete	New competence class
UPK3+E	Production and quality control manager, execution class 3 + precast concrete assembly	UPK3+E
UPK2+E	Production and quality control manager, execution class 2 + precast concrete assembly	UPK2+E
UK	Quality control manager, all execution classes	UK3
UMKL	Assembly manager, quality control manager – precast concrete assembly, all execution classes	UMKL, UMKE, UMKE+B
UMFB	Assembly foreman/tradesman (“bas”) – precast concrete assembly, all execution classes	UMF, UFBE, UFBE+B, UFB3+F

### Concrete repair in accordance with NS-EN 1504-9 + NA 2013

Competence classes as of 1 September 2014		Former classes that remain valid
RFB	Foreman, tradesman (“bas”), all execution classes	RU
RPK2	Production and quality control manager, execution class 2	RPKN
RPK3	Production and quality control manager, execution class 3	RPKU
RFB+EL	Foreman/tradesman (“bas”), electro-chemical re-alkalization and chloride extraction, all execution classes	New competence classes from 2022
RPK2+EL	Production and quality control manager, electro-chemical re-alkalization and chloride extraction, execution class 2	New competence classes from 2022
RPK3+EL	Production and quality control manager, electro-chemical re-alkalization and chloride extraction, execution class 3	New competence classes from 2022

### Sprayed concrete for rock support in accordance with NS-EN 14487-1 + NA 2012

Competence classes as of 1 September 2014		Former classes that remain valid
SBL3	Sprayed concrete manager, execution class 3	SLBU
SBL2	Sprayed concrete manager, execution classes 1 and 2	SLBN

### Quality control of aggregates in accordance with NS-EN 12620

Competence classes as of 1 September 2014		Former classes that remain valid
TKL	Quality control manager – aggregates, laboratory technician	TKL

All competence classes previously granted are valid indefinitely, even if the contents of the Norwegian standards on concrete have been revised over the years. Competence certificates document that the person has the necessary knowledge to satisfy the qualification requirements set out in the standards.