

National Engineering Handbook (NEH)

210– VI – NEH
AMENDMENT NO. 1

SUBJECT: ENG – NEH PART 642, "SPECIFICATIONS FOR CONSTRUCTION CONTRACTS"

Purpose. To transmit new and revised specifications for the Natural Resources Conservation Service (NRCS) National Engineering Handbook (NEH), PART 642, "Specifications for Construction Contracts".

Effective Date. Effective upon receipt.

Explanation. The NEH, Part 642, "Specifications for Construction Contracts", is being updated by this notice. This update includes new and revised construction and material specifications. The Construction specifications, including the Instructions for Use and the Material Specifications inclusive of Amendment 1 changes, will be available through the NRCS Technical Resources Web site at <http://www.nrcs.usda.gov/technical/ENG/>.

The following Construction Specifications, with Instructions, are new or revised:

Revised Extent

31 – Concrete for Major Structures	Minor Corrections
34 – Steel Reinforcement	Minor Corrections
36 – Roller Compacted Concrete	New
36i – Roller Compacted Concrete - Instructions For Use	New
46 – Tile Drains	Minor Corrections
61 – Rock Riprap	Minor Corrections
64 – Wire Mesh Gabions and Mattresses Twisted (Woven) or Welded Mesh	Minor Corrections
82 – Painting Metalwork	Minor Corrections
84 – Painting Wood	Minor Corrections
84i – Painting Wood – Instructions For Use	Minor Corrections
97 – Flexible Membrane Liner	Major Revision
97i – Flexible Membrane Liner – Instructions For Use	Major Revision
98 – Geosynthetic Clay Liner	Minor Corrections
98i – Geosynthetic Clay Liner – Instructions For Use	Minor Corrections

– MORE –

DIST: S (and State Conservation Engineers), R, L, and National Center Directors

The following Material Specifications are new or revised:

	<u>Revised Extent</u>
523 – Rock for Riprap	Minor Corrections
524 – Aggregates for Roller Compacted Concrete	New
533 – Chemical Admixtures for Concrete	Minor Corrections
539 – Steel Reinforcement (for concrete)	Minor Corrections
542 – Concrete Culvert Pipe	Minor Corrections
544 – Clay Pipe and Drain Pipe	Minor Corrections
547 – Plastic Pipe	Minor Corrections
551 – Coated Corrugated Steel Pipe	Minor Corrections
571 – Slide Gates	Minor Corrections
572 – Flap Gates, Metal	Minor Corrections
581 – Metal	Minor Corrections
583 – Coal Tar-Epoxy Paint	Minor Corrections
593 – Lime	Minor Corrections
594 – Flexible Membrane Liner	Major Revision
595 – Geosynthetic Clay Liner	Minor Corrections

Distribution. Due to printing and distribution costs, this directive is available through the NRCS Electronic Directives System at <http://policy.nrcs.usda.gov>. After issuance, it will also be available through the NRCS Conservation Engineering Web site at <http://www.nrcs.usda.gov/technical/ENG/>.

Filing Instructions. In the event that a paper copy of the NEH Part 642 is retained, please download and replace the documents shown on the attached "Filing Instructions".

Contact. Please contact the National Construction Engineer, Conservation Engineering Division, by telephone at (202) 720-2972.

/s

DAVID D. THACKERAY
Acting Director
Conservation Engineering Division

Attachments

NEH Part 642

Filing Instructions

USDA:NRCS:S&T:CED:DThackeray:SCarlson:720-0110:S\&T_ced\Admin_Office\NEH642
Cons Spec trans scarlson 1 12 06 tkb rev 1 30 06.rtf

Filing Instructions
National Engineering Handbook (NEH) Part 642, “Specifications for Construction Contracts”

These documents are available electronically on the NRCS Web site at:

http://www.nrcs.usda.gov/technical/ENG/construction_specs_home.html. If paper copies of the NEH are retained, please download and replace the following documents:

Chapter 1 Changes:

Discard

Chapter 1 – General Contract Specification Procedures 5/01

Insert

Chapter 1 – General Contract Specification Procedures 11/05

Chapter 2 Changes:

Discard

Concrete for Major Structures (cs31) 5/01

Steel Reinforcement (cs34) 5/01

none

none

Tile Drains (cs46) 5/01

Rock Riprap (cs61) 5/01

Wire Mesh Gabions and Mattresses -

Twisted (Woven) or Welded Mesh (cs64) 5/01

Painting Metalwork (cs82) 5/01

Painting Wood – Instructions for use (cs84i) 5/01

Painting Wood (cs84) 5/01

HDPE & LLDPE Liner – Instructions for use (cs97i) 5/01

HDPE & LLDPE Liner (cs97) 5/01

Geosynthetic Clay Liner – Instructions for use (cs98i) 5/01

Geosynthetic Clay Liner (cs98) 5/01

Insert

Concrete for Major Structures (cs31) 11/05

Steel Reinforcement (cs34) 11/05

Roller Compacted Concrete - Instructions for use (cs36i) 11/05

Roller Compacted Concrete (cs36) 11/05

Tile Drains (cs46) 11/05

Rock Riprap (cs61) 11/05

Wire Mesh Gabions and Mattresses -

Twisted (Woven) or Welded Mesh (cs64) 11/05

Painting Metalwork (cs82) 11/05

Painting Wood – Instructions for use (cs84i) 11/05

Painting Wood (cs84) 11/05

Flexible Membrane Liner – Instructions for use (cs97i) 11/05

Flexible Membrane Liner (cs97) 11/05

Geosynthetic Clay Liner – Instructions for use (cs98i) 11/05

Geosynthetic Clay Liner (cs98) 11/05

Chapter 3 Changes:

Discard

Rock for Riprap (ms523) 5/01

none

Insert

Rock for Riprap (ms523) 11/05

Aggregates for Roller Compacted Concrete (ms524) 11/05

Filing Instructions (continued)
National Engineering Handbook (NEH) Part 642, “Specifications for Construction Contracts”

Chapter 3 Changes (continued):

Discard

Chemical Admixtures for Concrete (ms533) 5/01
Steel Reinforcement (for Concrete) (ms539) 5/01
Concrete Culvert Pipe (ms542) 5/01
Clay Pipe and Drain Tile (ms544) 5/01
Plastic Pipe (ms547) 5/01
Coated Corrugated Steel Pipe (ms551) 5/01
Slide Gates (ms571) 5/01
Flap Gates, Metal (ms572) 5/01
Metal (ms581) 5/01
Coal Tar-Epoxy Paint (ms583) 5/01
Lime (ms593) 5/01
HDPE & LLDPE Flexible Membrane Liner (ms594) 5/01
Geosynthetic Clay Liner (ms595) 5/01

Insert

Chemical Admixtures for Concrete (ms533) 11/05
Steel Reinforcement (for Concrete) (ms539) 11/05
Concrete Culvert Pipe (ms542) 11/05
Clay Pipe and Drain Tile (ms544) 11/05
Plastic Pipe (ms547) 11/05
Coated Corrugated Steel Pipe (ms551) 11/05
Slide Gates (ms571) 11/05
Flap Gates, Metal (ms572) 11/05
Metal (ms581) 11/05
Coal Tar-Epoxy Paint (ms583) 11/05
Lime (ms593) 11/05
Flexible Membrane Liner (ms594) 11/05
Geosynthetic Clay Liner (ms595) 11/05