

A/E REVIEW CHECKLIST

INCINERATOR/SOLID WASTE

☑Reviewers should - Use Checklists when reviewing any type of VA construction project for the following disciplines:

- Site and Landscape,
- Architectural,
- Structural,
- Plumbing, Fire Protection, and Sanitary,
- Heating, Ventilating, and Air Conditioning (HVAC),
- Steam Generation,
- Steam Distribution,
- Incineration/Solid Waste, and
- Electrical.

☑Reviewers should - Insure that A/E Submission Instructions (PG-18-15) for Schematic, Design Development, and Construction Documents are followed for various types of VA construction projects.

☑Reviewers should - Insure that every VA construction project is in compliance with all life safety issues.

☑Reviewers should - Be aware that these checklists are not all-inclusive but only provide minimum review items.

A/E CHECKLIST

TITLE _____ **PROJECT NO.** _____
LOCATION _____ **DATE** _____
REVIEWED BY _____
ORGANIZATION _____

GENERAL INFORMATION FOR REVIEWERS	
INCINERATION/SOLID WASTE REVIEWS	
<p>The reviewer should be thoroughly familiar with the following VA standards before conducting a design review. These are available on <i>Internet/Intranet</i>:</p> <p>http://www.va.gov/facmgt/standard/va_gov.htm http://vaww.va.gov/facmgt/standard/va_gov.htm</p>	
1.	DESIGN MANUALS (PG-18-10)
2.	MASTER CONSTRUCTION SPECIFICATIONS (PG-18-1)
3.	STANDARD DETAILS (PG-18-4) (Available in AutoCAD 2001 Format)
4.	DESIGN AND CONSTRUCTION PROCEDURES (formerly Construction Standards) (H-18-3) (Policies defining the minimum level of excellence in the design of VA facilities)
5.	DESIGN GUIDES (PG-18-12) (Graphic information on specific programs in the design development of VA facilities)
6.	DESIGN ALERTS (These alerts are issued on a regular basis for design and construction related issues)
7.	A/E QUALITY ALERTS (These alerts are issued to guard against common and repeat design errors)
8.	A/E SUBMISSION INSTRUCTIONS, PROGRAM GUIDE, PG-18-15
9.	TECHNICAL SUMMARIES (The summaries of HVAC design requirements for special and critical areas)

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SCHEMATIC 1		
INCINERATION/SOLID WASTE REVIEW		
NO.	ITEM	COMMENTS/ YES/NO/NA
1	Have A/E Submission Requirements (PG-18-15) for this review been met? List omissions.	
2	Is seismic anchoring and bracing necessary?	
3	Does A/E have latest VA Master Spec sections?	
4	Does A/E have latest VA Standard Details (for heat recovery boiler)?	
5	Does A/E have latest VA Design Manual?	

SCHEMATIC 2		
INCINERATION/SOLID WASTE REVIEW		
NO.	ITEM	COMMENTS/ YES/NO/NA
1	Have A/E Submission Requirements (PG-18-15) for this review been met? List omissions.	
2	Equipment selection and location complies with Solid Waste Processing Systems Design Manual.	
3	Life cycle cost method complies with NIST Handbook 135?	
4	Acceptable responses to previous comments?	

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DESIGN DEVELOPMENT 1		
INCINERATION/SOLID WASTE REVIEW		
NO.	ITEM	COMMENTS/ YES/NO/NA
1	Have A/E Submission Requirements (PG-18-15) for this review been met? List omissions.	
2	Equipment selection and location complies with Solid Waste Processing Systems Design Manual.	
3	Acceptable responses to previous comments?	
4	Equipment sizing calculations acceptable?	
5	Plan views and sections of major equipment show proper access to equipment?	
6	Proper ventilation and heating of equipment space shown?	
7	Coordination with other disciplines	

DESIGN DEVELOPMENT 2		
INCINERATION/SOLID WASTE REVIEW		
NO.	ITEM	COMMENTS/ YES/NO/NA
1	Have A/E Submission Requirements (PG-18-15) for this review been met? List omissions.	
2	Are calculations complete including loads, equipment and systems?	
3	Are Master Specs to be utilized of current issue?	
4	Is adequate clearance shown around all equipment?	
5	Does design comply with VA Design Manual?	
6	Coordination with other disciplines	

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CONSRUCTION DOCUMENTS 1		
INCINERATION/SOLID WASTE REVIEW		
NO.	ITEM	COMMENTS/ YES/NO/NA
1	Have A/E submission Requirements (PG-18-15) for the review been met? List omissions.	
2	Is proper access provided to all items requiring such?	
3	Are access catwalks shown in proper relation to items requiring access?	
4	Do structural and architectural drawings show catwalks and equipment pads?	
5	Acceptable responses to previous comments?	
6	Current review of emissions rules. In compliance?	
7	Coordination with other disciplines	