

1. Record Nr.	UNINA9910451785603321
Titolo	Evaluation of the army's draft assessment criteria to aid in the selection of alternative technologies for chemical demilitarization [[electronic resource] /] / Committee on Review and Evaluation of the Army Chemical Stockpile Disposal Program
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1995
Descrizione fisica	1 online resource (85 p.)
Disciplina	358.3482
Soggetti	Chemical weapons disposal - Technological innovations Chemical agents (Munitions) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Evaluation of the Army's Draft Assessment Criteria to Aid in the Selection of Alternative Technologies for Chemical Demilitarization""; ""Copyright""; ""Preface""; ""Contents""; ""Abbreviations and Acronyms""; ""Executive Summary""; ""COMMITTEE EVALUATION PROCESS""; ""SUMMARY OF FINDINGS AND RECOMMENDATIONS""; ""1 Introduction""; ""THE ARMY'S ALTERNATIVE TECHNOLOGIES PROGRAM""; ""THE ARMY'S DRAFT ASSESSMENT CRITERIA""; ""EVALUATION PROCESS""; ""2 Alternative Technology Research and Development Program""; ""CHEMISTRY AND BIOLOGY OF ALTERNATIVE PROCESSES"" ""DECISIONS ABOUT ALTERNATIVE TECHNOLOGIES"" ""ALTERNATIVE TECHNOLOGY RDT&E PROGRAM ELEMENTS""; ""3 Critical Factors for Evaluating Criteria""; ""DEVELOPMENT OF CRITICAL FACTORS UNDERLYING CRITERIA""; ""SYNOPSIS OF CRITICAL FACTORS""; ""PROCESS EFFICACY""; ""Detoxification of Agent""; ""Achieving Treaty Requirements""; ""Achieving Environmental and Other Regulatory Requirements""; ""Management of Process Residuals""; ""Process Stability, Reliability, and Robustness""; ""Process Monitoring""; ""Natural Resource Requirements""; ""Scale-up Requirements""; ""Applicability to Other Wastes"" ""PROCESS SAFETY"" ""Plant Safety and Health Risks""; ""Community

Safety, Health, and Environmental Risks"; "Storage Risks";
"SCHEDULE"; "PROCESS COSTS"; "Extended Stockpile Storage
Interval"; "Process Development"; "Process Implementation and
Operation"; "Plant Disassembly"; "Discounting"; "4 Information
Needed for the Army's Decision"; "INFORMATION INDEPENDENT OF
PROCESS CHOICE"; "Standards of Performance"; "Agent Destruction
and Reversibility"; "Agent Characterization"; "Allowable Discharge (or
Transport) Limits"; "Safetya€?Fire and Explosion"
"Safetya€?Reaction Stability""Information Needed for Each Alternative
Process Prior to Process Selection"; "Site-Specific Conceptual Design
Packages"; "Conceptual Design"; "Further Development and
Demonstration Plans"; "Additional Planning Information";
"Contingency Planning"; "Site- and Technology-Specific Risk
Assessments"; "Accident Risk Comparison"; "Environmental Risk
Comparison"; "Health Risk Comparison"; "TREATMENT OF
UNCERTAINTY"; "5 Summary and Evaluation of the Army's Criteria
Document"; "SUMMARY OF THE ASSESSMENT CRITERIA DOCUMENT"
"Criteria Development""Basic Evaluation Categories"; "Public Law";
"Regulatory and Legal"; "Environmental Protection"; "Worker
Safety"; "Public Acceptance"; "Public Health and Safety";
"Schedule"; "Cost"; "Research, Development, and Testing";
"Process Design"; "EVALUATION OF THE ARMY DRAFT ASSESSMENT
CRITERIA"; "Process Efficacy"; "Detoxification of Agent"; "Achieving
Treaty Requirements"; "Achieving Environmental and Other Regulatory
Requirements"; "Management of Process Residuals"; "Process
Stability, Reliability, and Robustness"; "Process Monitoring"
"Natural Resource Requirements"
