



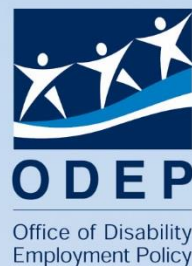
Job Accommodation Network

Practical Solutions • Workplace Success

Accommodation and Compliance Series

Accommodation and Compliance Series: Burn Injuries

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**Funded by a contract with the Office of Disability
Employment Policy, U.S. Department of Labor**

Preface

The Job Accommodation Network (JAN) is funded by a grant from the Office of Disability Employment Policy, U.S. Department of Labor. JAN makes documents available with the understanding that the information be used solely for educational purposes. The information is not intended to be legal or medical advice. If legal or medical advice is needed, appropriate legal or medical services should be contacted.

JAN does not endorse or recommend any products or services mentioned in this publication. Although every effort is made to update resources, JAN encourages contacting product manufacturers/vendors and service providers directly to ensure that they meet the intended purposes. This guarantees that the most up-to-date information is obtained.

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JAN'S Accommodation and Compliance Series

Introduction

JAN's Accommodation and Compliance Series is designed to help employers determine effective accommodations and comply with Title I of the Americans with Disabilities Act (ADA). Each publication in the series addresses a specific medical condition and provides information about the condition, ADA information, accommodation ideas, and resources for additional information.

The Accommodation and Compliance Series is a starting point in the accommodation process and may not address every situation. Accommodations should be made on a case by case basis, considering each employee's individual limitations and accommodation needs. Employers are encouraged to contact JAN to discuss specific situations in more detail.

For information on assistive technology and other accommodation ideas, visit JAN's Searchable Online Accommodation Resource (SOAR) at <https://AskJAN.org/soar>.

Information about Burn Injury

Burn injuries are classified in three ways: first, second, and third degree. First degree burns involve only the top layer of skin and are characterized by pain, redness, and swelling. Second degree burns involve the first and second layer of skin and are characterized by blistering of the skin, redness, and swelling and are very painful. Third degree burns are the most severe and often result in extensive scarring. They can require a long recovery time and may result in severe limitations.

Burn Injury and the Americans with Disabilities Act

The ADA does not contain a definitive list of medical conditions that constitute disabilities. Instead, the ADA defines a person with a disability as someone who (1) has a physical or mental impairment that substantially limits one or more "major life activities," (2) has a record of such an impairment, or (3) is regarded as having such an impairment. For more information about how to determine whether a person has a disability under the ADA, see [How to Determine Whether a Person Has a Disability under the Americans with Disabilities Act Amendments Act \(ADAAA\)](#).

Accommodating Employees with Burn Injury

People with burn injuries may develop some of the limitations discussed below, but seldom develop all of them. Also, the degree of limitation will vary among individuals. Be aware that not all people with burn injuries will need accommodations to perform their

jobs and many others may only need a few accommodations. The following is only a sample of the possibilities available. Numerous other accommodation solutions may exist.

Questions to Consider:

1. What limitations is the employee experiencing?
2. How do these limitations affect the employee and the employee's job performance?
3. What specific job tasks are problematic as a result of these limitations?
4. What accommodations are available to reduce or eliminate these problems? Are all possible resources being used to determine possible accommodations?
5. Once accommodations are in place, would it be useful to meet with the employee to evaluate the effectiveness of the accommodations and to determine whether additional accommodations are needed?
6. Do supervisory personnel and employees need training?

Accommodation Ideas:

Limitations

Grasping

- Industrial
 - Anti-vibration Gloves
 - Anti-vibration Tool Wraps
 - Compact Material Handling
 - Ergonomic and Pneumatic Tools
 - Ergonomic Knives
 - Motorized Carts
 - Multi-Purpose Carts
 - Tool Balancers
- Office Equipment
 - Auto-dialers
 - Automated Filing Systems
 - Book Holders

- Compact Material Handling
- Door Knob Grips and Handles
- Electric Scissors
- File Carousels
- Filing Trays
- Grip Aids
- Hands-free Telephones
- Headsets
- Left Hand-Dominant Keyboards
- Motorized Carts
- One-Handed Keyboards
- Page Turners
- Reachers
- Scribe/Notetaker
- Shoulder Supports for Telephone Handsets
- Writing Aids
- Other
 - Aide/Assistant/Attendant
 - Dental and Surgical Instruments
 - Money Handling Products
 - Mop Buckets
 - Mops and Mop Handles
 - Steering Grips

Handling/Fingering

- Industrial
 - Anti-vibration Gloves
 - Anti-vibration Tool Wraps
 - Ergonomic and Pneumatic Tools
 - Compact Material Handling
 - Ergonomic Equipment
 - Extra Grip Gloves

- Grip Aids
 - Vacuum Pickup Tools
- Office Equipment
 - Alternative Input Devices
 - Alternative Keyboards
 - Alternative Mice
 - Articulating Keyboard Trays
 - Book Holders
 - Compact Material Handling
 - Ergonomic Equipment
 - Expanded Keyboards
 - Forearm Support
 - Grip Aids
 - Keyguards
 - Miniature Keyboards
 - One-Handed Keyboards
 - On-Screen Keyboards
 - Page Turners
 - Scribe/Notetaker
 - Speech Recognition Software
 - Typing / Keyboarding Aids
 - Writing Aids
- Other
 - Aide/Assistant/Attendant
 - Money Handling Products
 - Periodic Rest Breaks

Pain

- Industrial
 - Adjustable Workstations for Industrial Settings
 - Alternative Keyboards
 - Alternative Mice

- Anti-fatigue Matting
- Anti-vibration Gloves
- Anti-vibration Seats
- Anti-vibration Tool Wraps
- Automatic Door Openers
- Carts
- Chairs with Head Support
- Compact Material Handling
- Ergonomic Assessments
- Ergonomic Equipment
- Fans
- Flexible Schedule
- Forearm Support
- Stand-lean Stools
- Wearable Anti-fatigue Matting
- Workstation Space Heaters
- Office Equipment
 - Adjustable Workstations for Office Settings
 - Alternative Keyboards
 - Alternative Mice
 - Automatic Door Openers
 - Carts
 - Chairs with Head Support
 - Compact Material Handling
 - Ergonomic and Adjustable Office Chairs
 - Ergonomic Assessments
 - Ergonomic Equipment
 - Fans
 - Flexible Schedule
 - Forearm Support
 - Gooseneck and Other Telephone Holders

- Headsets
- Scooters
- Speech Recognition Software
- Stand-lean Stools
- Supine Workstations
- Wearable Anti-fatigue Matting
- Worksite Redesign / Modified Workspace
- Workstation Space Heaters
- Writing Aids
- Other
 - Aide/Assistant/Attendant
 - Flexible Schedule
 - Modified Break Schedule
 - Service Animal
 - Telework, Work from Home, Working Remotely

Respiratory Distress/Breathing Problem

- Air Cleaners & Purifiers
- Air Cleaners - Chemical/Odor Removal
- Air Cleaning Systems
- Air Purifiers for Multiple Chemical Sensitivity
- Alternative Cleaning Supplies
- Augmentative and Alternative Communication (AAC) Device
- Carpet Alternatives, Sealants, and Sustainable Flooring
- Escape Hoods
- Flexible Schedule
- Floor Cleaning/Stripping Products - Chemical Sensitivity
- Low/No Odor Paints and Stains
- Mask Brackets and Frames
- Masks - Respirator
- Masks – General/Chemical/Allergen
- Odor Control

- Outgoing Voice Amplification - Telephone
- Personal Air Cleaner (Neckworn)
- Personal On-Site Paging Devices
- Powered Air Purifying Respirator (PAPR)
- Telework, Work from Home, Working Remotely
- Voice Amplification

Sitting

- Adjustable Drafting Tables
- Adjustable Pedicure Chairs
- Adjustable Workstations for Industrial Settings
- Adjustable Workstations for Office Settings
- Chairs and Stools for Medical Services
- Clean Room Stools
- Ergonomic and Adjustable Office Chairs
- Ergonomic and Pneumatic Tools
- Ergonomic Assessments
- Ergonomic Equipment
- Forward Leaning Chairs
- Handheld Computers (General)
- Headsets
- Large-Rated Chairs
- Low Task Chair
- Lumbar Cushions
- Periodic Rest Breaks
- Proper Sitting / Standing Techniques
- Stand-lean Stools
- Stools for Cutting Hair
- Supine Workstations
- Treadmill / Pedal Workstations
- Van Conversion

Skin Rash/Blisters/Sores

- Alternative Cleaning Supplies
- Augmentative and Alternative Communication (AAC) Device
- Disability Awareness/Etiquette Training
- Job Restructuring
- Odor Control
- Outgoing Voice Amplification - Telephone
- Policy Modification
- Touchless Faucets
- Voice Amplification

Sleeping/Stay Awake

- Apps for Sleep/ Fatigue
- Environmental Sound Machines / Tinnitus Maskers / White Noise Machines
- Flexible Schedule
- Modified Break Schedule
- Sleep Alerting Devices
- Strobe Lights

Standing

- Accessories for Scooters
- Adjustable Drafting Tables
- Adjustable Workstations for Industrial Settings
- Adjustable Workstations for Office Settings
- All-Terrain Scooters
- Anti-fatigue Matting
- Assist Lift Cushions
- Elevating Lift and Office Chairs
- Ergonomic and Pneumatic Tools
- Examination and Procedures Chair
- Flexible Schedule
- Grab Bars

- Handheld Computers (General)
- Head Support for Wheelchairs
- Low Task Chair
- Periodic Rest Breaks
- Proper Sitting / Standing Techniques
- Scooters
- Stair Assists
- Stand Aids
- Stand-lean Stools
- Stand-up Wheelchairs
- Stools for Cutting Hair
- Van Conversion
- Wearable Anti-fatigue Matting
- Wheelchair Accessible Scales
- Wheelchair Carts/Trailers
- Wheelchair Mounts
- Wheelchairs

Stress Intolerance

- Apps for Anxiety and Stress
- Behavior Modification Techniques
- Counseling/Therapy
- Environmental Sound Machines / Tinnitus Maskers / White Noise Machines
- Flexible Schedule
- Job Restructuring
- Marginal Functions
- Modified Break Schedule
- Supervisory Methods
- Support Animal
- Support Person

Temperature Sensitivity

- Air Deflectors
- Cold Resistant Gloves
- Cooling Clothing
- Fans
- Flexible Schedule
- Heated Clothing
- Heated Ergonomic and Computer Products
- Heated Gloves
- Portable Air Conditioners
- Telework, Work from Home, Working Remotely
- Vent Covers
- Workstation Space Heaters

Walking

- Accessories for Scooters
- Aide/Assistant/Attendant
- All-Terrain Scooters
- All-Terrain Wheelchairs
- Anti-fatigue Matting
- Boat Access
- Ergonomic and Pneumatic Tools
- Examination and Procedures Chair
- Foldable / Transport Wheelchairs
- Head Support for Wheelchairs
- Large-Rated Scooters
- Large-Rated Wheelchairs
- Low Task Chair
- Personal Transportation and Mobility Products
- Reclining Wheelchairs
- Rollators and Rolling Walkers
- Scooters
- Scooters for Small Stature

- Stair Assists
- Stools for Cutting Hair
- Telework, Work from Home, Working Remotely
- Van Conversion
- Walkers
- Walkers for Tall Individuals
- Walkers with Seats
- Wearable Anti-fatigue Matting
- Wheelchair Accessible Scales
- Wheelchair Carts/Trailers
- Wheelchair Mounts
- Wheelchairs
- Wheelchairs for Small Stature
- Worksite Redesign / Modified Workspace

Work-Related Functions

Parking

- Accessible Parking Space
- Flexible Schedule
- Telework, Work from Home, Working Remotely
- Wheelchairs

Policies

- Additional Training Time / Training Refreshers
- Aide/Assistant/Attendant
- Environmental Sound Machines / Tinnitus Maskers / White Noise Machines
- Flexible Schedule
- Marginal Functions
- Modified Break Schedule
- Periodic Rest Breaks
- Physical/Social Distancing Signage

- Policy Modification
- Reassignment
- Service Animal
- Sleep Alerting Devices
- Strobe Lights
- Supervisory Methods
- Support Animal
- Telework, Work from Home, Working Remotely
- Touchless Faucets

Stress

- Apps for Anxiety and Stress
- Behavior Modification Techniques
- Counseling/Therapy
- Environmental Sound Machines / Tinnitus Maskers / White Noise Machines
- Flexible Schedule
- Job Coaches
- Job Restructuring
- Marginal Functions
- Modified Break Schedule
- Monitor Mirrors
- Odor Control
- On-site Mentoring
- Service Animal
- Simulated Skylights and Windows
- Strobe Lights
- Supervisory Methods
- Support Animal
- Support Person
- Telework, Work from Home, Working Remotely
- Uninterrupted Work Time

Work Site Access

- Accessible Toilets and Toilet Seats
- Accessories for Scooters
- Adjustable Workstations for Industrial Settings
- Adjustable Workstations for Office Settings
- All-Terrain Scooters
- Anti-fatigue Matting
- Automatic Door Openers
- Boat Access
- Braille and/or ADA Signage
- Door Knob Grips and Handles
- Examination and Procedures Chair
- Flexible Schedule
- Head Support for Wheelchairs
- High Visibility Floor Tape and Paint
- Low Task Chair
- Portable Ramps
- Ramps
- Scooters
- Service Animal
- Smart Locks/Keyless Entry Locks
- Stair Assists
- Stair Tread/Textured Tape
- Support Animal
- Telework, Work from Home, Working Remotely
- Van Conversion
- Walkers
- Wearable Anti-fatigue Matting
- Wheelchair Accessible Scales
- Wheelchair Carts/Trailers
- Wheelchair Lifts

- Wheelchair Mounts
- Wheelchairs
- Worksite Redesign / Modified Workspace

Work Station Access

- Accessories for Scooters
- Adjustable and Ergonomic School Desks and Equipment
- Adjustable Desk Top Workstations for Office Settings
- Adjustable Workstations for Industrial Settings
- All-Terrain Scooters
- Anti-fatigue Matting
- Articulating Keyboard Trays
- Assist Lift Cushions
- Automatic Door Openers
- Chair Mats
- Chairs for Little People
- Chairs for People who are Tall
- Dual Monitors
- Elevating Lift and Office Chairs
- Ergonomic and Adjustable Office Chairs
- Ergonomic Equipment
- Examination and Procedures Chair
- Expanded Keyboards
- Forearm Support
- Forward Leaning Chairs
- Head Support for Wheelchairs
- Large-Rated Chairs
- Low Task Chair
- Monitor Mirrors
- Monitor Risers
- Mousing Surfaces
- Proper Sitting / Standing Techniques

- Stair Assists
- Stand-lean Stools
- Supine Workstations
- Van Conversion
- Wheelchair Accessible Scales
- Wheelchair Carts/Trailers
- Wheelchair Mounts
- Wheelchairs
- Work Platforms
- Zero Gravity (reclining) Chairs

Situations and Solutions:

The following situations and solutions are real-life examples of accommodations that were made by JAN customers. Because accommodations are made on a case-by-case basis, these examples may not be effective for every workplace but give you an idea about the types of accommodations that are possible.

A security guard with breast cancer was burned from radiation treatment.

She had difficulty wearing the polyester uniform with embroidered insignia that was required by company policy. The employer modified the dress code policy by having a uniform made of cotton material with the logo and employee name added with a no-sew iron-on adhesive.

A consultant employed by a federal agency had severe limitations in fine motor movements as a result of burns to her hands.

She had difficulty typing for long periods of time. An articulating keyboard tray was added to her desk, allowing her to bring the keyboard closer to her body. She was also given a split keyboard and a trackball mouse that allowed her to use her fingers to move the cursor and type, eliminating the need for her to use her thumbs. The individual combined these devices with speech recognition.

A heating/cooling technician had a burn injury on his waist and chest from a service connected injury.

He had difficulty wearing the polyester uniform required by his employer. His employer had uniforms custom made for him out of cotton.

A school teacher with burn injuries to both hands was having trouble writing.

JAN provided information on assistive writing aids such as pen/pencil/marker grips and devices to make holding a pen/pencil/marker easier.

A maintenance worker with a burn injury had difficulty walking and standing for long periods.

The employer purchased a small utility vehicle for the individual to move about the production facility.

A drafting engineer had third degree burns to 80% of his body.

He was limited in sitting for extended periods. He was accommodated with an ergonomic workstation, including a sit/stand work station.

A person employed as a ground maintenance laborer was recovering from severe burns of his head, neck, and back.

His job required him to work outside during most of the day. Due to the scars he was unable to sweat to cool his body temperature, and he was concerned about getting sunburned. His employer provided him with a hat, long sleeved light cotton shirts, and a cool vest. The employer also changed his schedule to an earlier start time so that he could work mainly during the morning hours during extreme heat.

Products

There are numerous products that can be used to accommodate people with limitations. JAN's Searchable Online Accommodation Resource at <https://AskJAN.org/soar> is designed to let users explore various accommodation options. Many product vendor lists are accessible through this system; however, JAN provides these lists and many more that are not available on the Web site upon request. Contact JAN directly if you have specific accommodation situations, are looking for products, need vendor information, or are seeking a referral.

Resources

Job Accommodation Network

West Virginia University
PO Box 6080
Morgantown, WV 26506-6080
Toll Free: (800) 526-7234
TTY: (304) 293-7186
Fax: (304) 293-5407
jan@askjan.org
<https://askjan.org>

The Job Accommodation Network (JAN) is a free consulting service that provides information about job accommodations, the Americans with Disabilities Act (ADA), and the employability of people with disabilities.

Office of Disability Employment Policy

200 Constitution Avenue,
NW, Room S-1303
Washington, DC 20210
Toll Free: (866) 633-7365
odep@dol.gov
<https://www.dol.gov/agencies/odep>

The Office of Disability Employment Policy (ODEP) is an agency within the U.S. Department of Labor. ODEP provides national leadership to increase employment opportunities for adults and youth with disabilities while striving to eliminate barriers to employment.

American Burn Association

311 S. Wacker Drive, Suite 4150
Chicago, IL 60606
Direct: (312) 642-9260
Fax: (312) 642-9130
info@ameriburn.org
<http://www.ameriburn.org>

Dedicated to promoting and supporting burn-related research, education, care, rehabilitation, and prevention.

Arizona Burn Foundation

PO Box 1329

Phoenix, AZ 85001

Direct: (602) 230-2041

Fax: (602) 230-2157

<http://www.azburn.org>

Assisting burn victims and their families in becoming burn survivors, through different programs, rehabilitation, treatment, and research.

Burn Survivor Resource Center

Toll Free: (800) 669-7700

<http://burnsurvivor.com>

One stop resource center to ensure professional information is made available to the burn survivor, to the many people who are searching for critical information on behalf of a loved one, to the family, and to the professionals.

Flicker of Hope Foundation

8624 Janet Lane

Vienna, VA 22180

Direct: (703) 698-1626

Fax: (703) 698-6225

info@flickerofhope.org

<http://www.flickerofhope.org/>

FHF was founded with the purpose of providing emotional and practical support for burn survivors and their families. This support is presented in the form of counseling, scholarship opportunities, and the sharing of useful information.

Model Systems Knowledge Translation Center

American Institutes for Research
1000 Thomas Jefferson Street, NW
Washington, DC 20007
Direct: (202) 403-5600
msktc@air.org
<http://www.msktc.org/>

The Model Systems Knowledge Translation Center (MSKTC) summarizes research, identifies health information needs, and develops information resources to support the Model Systems programs in meeting the needs of individuals with traumatic brain injury (TBI), spinal cord injury (SCI), and burn injury.

The Model Systems are funded by the National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR) to conduct innovative and high-quality research, provide patient care, and offer other services to improve the health and overall quality of life for individuals with TBI, SCI, and burn injury.

National Center for Biotechnology Information

8600 Rockville Pike
Bethesda, MD 20894
pubmedcentral@ncbi.nlm.nih.gov
<https://www.ncbi.nlm.nih.gov/>

The National Center for Biotechnology Information advances science and health by providing access to biomedical and genomic information.

Remedy's Health Communités

<http://www.healthcommunities.com>

Remedy Health Media is America's fastest growing health information and technology company. We are a leading provider of clinical resources and wellness tools that help millions of patients and caregivers live healthier, more fulfilled lives.

Our mission is to empower patients and caregivers with the information and applications needed to efficiently navigate the healthcare landscape and as a result, to permit better health outcomes through use of our products and services.

The Hand and Wrist Institute

8929 Wilshire Blvd

Suite 320

Beverly Hills, CA 90211

Toll Free: (949) 999-6936

Direct: (310) 432-9363

Fax: (310) 432-9367

<http://www.handandwristinstitute.com/hand-wrist-elbow-conditions/>

The Hand and Wrist Institute is one of the region's leading medical practices dedicated solely to the diagnosis, treatment and care of hand, wrist and upper extremity injuries, deformities and disorders.

World Health Organization

525 Twenty-third Street

N.W.

Washington, DC 20037

Direct: (202) 974-3000

Fax: (202) 974-3663

<http://www.who.int/en/>

We are the directing and coordinating authority on international health within the United Nations' system.

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